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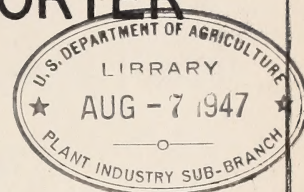
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THE PLANT DISEASE REPORTER

Issued By



THE PLANT DISEASE SURVEY

Division of Mycology and Disease Survey

BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING

AGRICULTURAL RESEARCH ADMINISTRATION

UNITED STATES DEPARTMENT OF AGRICULTURE

SUPPLEMENT 169

A HOST INDEX OF MISSISSIPPI PLANT DISEASES

Supplement 169

June 15, 1947



The Plant Disease Reporter is issued as a service to plant pathologists throughout the United States. It contains reports, summaries, observations, and comments submitted voluntarily by qualified observers. These reports often are in the form of suggestions, queries, and opinions, frequently purely tentative, offered for consideration or discussion rather than as matters of established fact. In accepting and publishing this material the Division of Mycology and Disease Survey serves merely as an informational clearing house. It does not assume responsibility for the subject matter.

PLANT DISEASE REPORTER SUPPLEMENT

Issued by

THE PLANT DISEASE SURVEY
DIVISION OF MYCOLOGY AND DISEASE SURVEY

Plant Industry Station

Beltsville, Maryland

A HOST INDEX OF MISSISSIPPI PLANT DISEASES

J. T. Presley

Plant Disease Reporter
Supplement 169

June 15, 1947

INTRODUCTION

This compilation contains in the form of a host index all available information on the occurrence and distribution of the plant diseases so far recorded in Mississippi. By far the greater portion of the material here presented was taken from the collections made by Dr. L. E. Miles during his several years at Mississippi State College. It is hoped that bringing the material together in this form will make available to pathologists the greater portion of the valuable collection made by Dr. Miles. Additions to the collection have been made by former members of the Plant Pathology Staff at Mississippi State College, State Plant Board Inspectors, and the present Plant Pathology Staff. This is the first contribution toward a host index of plant diseases in Mississippi.

Arrangement of Indexes

The three sections of the publication are each arranged alphabetically.

1. A host index listing the host, together with all of the pathogens known to occur on it in Mississippi.
2. An index of pathogens, each with a list of the hosts upon which it has been reported in Mississippi.
3. An index of the common names of host plants taken from Standardized Plant Names, First Edition, 1923; Second Edition 1942; Illustrated Flora by Britton and Brown, 1913, Charles Scribner's Sons, New York; Plant Life of Alabama by Mohr, 1901, The Brown Printing Co., Montgomery, Alabama.

HOST INDEX

ABELIA

A. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Newton and Stone.

ACER

A. NEGUNDO L., Boxelder.

Cylindrosporium negundinis Ell. & Ev., Leaf Spot. Jackson.

Haplosporella clintonii (Pk.) Pet. & Syd. Sharkey.

A. PLATANCIDES L., Norway Maple.

Taphrina cerasi (Fckl.) Sadebeck. Lee.

A. RUBRUM L., Red Maple.

Creonectria purpurea (L.) Seaver. Copiah.

Cylindrosporium saccharinum Ell. & Ev., Leaf Spot. Prentiss.

Hypoxylon annulatum (Schw.) Mont. Wilkinson.

Phyllosticta acericola Cke. & Ell., Leaf Spot. Harrison and Wayne.

Phyllosticta minima (Berk. & Curt.) Ell. & Ev., Leaf Spot.

George and Wayne.

Rhytisma acerinum (Pers.) Fr., Tar Spot. Monroe, Panola, and Pearl River.

Uncinula circinata Cke. & Pk., Powdery Mildew. Clarke.

A. SACCHARINUM L., Silver Maple.

Phyllosticta minima (Berk. & Curt.) Ell. & Ev., Leaf Spot. Hinds.

Rhytisma acerinum (Pers.) Fr., Tar Spot. Lafayette.

A. SACCHARUM Marsh., Sugar Maple.

Phyllosticta acericola Cke. & Ell., Leaf Spot. Lafayette.

Phyllosticta minima (Berk. & Curt.) Ell. & Ev., Leaf Spot.

Lafayette.

Septoria saccharina Ell. & Ev., Leaf Spot. Lafayette.

A. SP., Maple.

Massaria inquinans (Tode) Fr., Leaf Spot. Choctaw.

ACORUS

A. CALAMUS L., Sweetflag.

Uromyces pyriformis Cke., Rust. Grenada and Lafayette.

AESCULUS

A. GLABRA Willd., Ohio Buckeye.

Phyllosticta paviae Desm., Leaf Spot. Choctaw.

Phyllosticta sphaeropsoides Ell. & Ev., Leaf Spot. Oktibbeha.

Uncinula flexuosa Pk., Powdery mildew. Newton and Oktibbeha.

A. PAVIA L., Red Buckeye

Phyllosticta aesculii Ell. & Martin, Leaf Spot. Lowndes.

AGAVE

A. AMERICANA L., Centuryplant.

Colletotrichum agaves Cav., Anthracnose. Jackson.

AGRIMONIA

- A. EUPATORIA L., Common Agrimony.
Pucciniastrum agrimoniae (Schw.) Tranz., Rust. Choctaw and Grenada
- A. PARVIFLORA Soland., Many-flowered Agrimony.
Pucciniastrum agrimoniae (Schw.) Tranz., Rust. Lafayette and Pearl River

AGROSTEMMA

- A. GITHAGO L., Corncockle.
Marssonina delastrei (DeLac.) Sacc., Leaf Spot. Lauderdale.

AGROSTIS

- A. ALBA L., Red Top.
Puccinia graminis Pers., Rust. Oktibbeha.
- A. PERENNANS (Walt.) Tuckerm., Grass.
Acrospermum compressum Tode ex Fr., Leaf Spot. Simpson.
- A. SP.
Uromyces eragrostidis Tracy, Rust. Lowndes and Simpson.

AILANTHUS

- A. ALTISSIMA (Mill.) Swingle, Tree of Heaven.
Cytospora ailanthi Berk. & Curt. Jasper.

ALETRIS

- A. AUREA Walt., Stargrass
Puccinia aletridis Berk. & Curt., Rust. Jackson.

ALEURITES

- A. FORDII Hemsl., Tung-oil Tree.
Corticium stevensii Burt., Leaf Blight (Thread Blight).
Heterodera marioni (Cornu) Goodey, Root-knot. Pearl River.
Rhizoctonia microsclerotia Matz., Leaf Blight. Pearl River.

ALLIUM

- A. CANADENSE L., Meadow Garlic.
Heterosporium allii Ell. & Mart., Leaf Spot. Oktibbeha.
- A. CEPA L., Garden Onion.
Botrytis vulgaris (Pers.) Fr., Gray Mold. Pearl River.
Macrosporium parasiticum Thum. var. porri Ell. Harrison.
Macrosporium sarcinula B. var. parasiticum Thuem., Black Stalk Rot. Oktibbeha.
Peronospora schleideni Unger., Downy Mildew. Lamar.
- A. SP., Onion.
Macrosporium commune Rab. Hinds.

ALNUS

- A. INCANA (L.) Moench, Speckled Alder.
Taphrinaalni-incanae (Kuehn) Magn., Catkin Disease. Harrison.
- A. RUGOSA (DuRoi) Spreng., Hazel Alder.
Diatrypella discoidea Cke. & Pk. var. alni Cke. Oktibbeha and Tallahatchie.
Melanconis marginalis (Pk.) Wehmeyer, Twig Blight. Humphreys.
Peniophora aurantiaca Bres. Oktibbeha.
Poria vaporaria (Pers.) Fr. Oktibbeha.
- A. SP.
Eutypella cerviculata (Fr.) Sacc. Webster.
Hymoxylon fuscum (P.) Fr. Jefferson.
Stereum ochraceoflavum Schw. Lee.

ALOPECURUS

- A. AEQUALIS Sobol., Shortawn Foxtail
Fusicladium alonecuri Ell. & Ev. Oktibbeha.
- A. GENICULATUS L., Water Foxtail
Scolecotrichum graminis Fckl., Leaf Blotch. Oktibbeha and Sunflower.

ALTHAEA

- A. ROSEA (L.) Cav., Hollyhock
Cercospora althaeina Sacc., Leaf Spot. Hinds, Lauderdale, Monroe, and Yazoo.
Puccinia heterospora Berk. & Curt., Rust. Forrest.
Puccinia malvacearum Bert., Rust. Covington, Forrest, Hancock, and Jones.
- A. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. Pearl River.

AMARANTHUS

- A. RETROFLEXUS L., Green Amaranth, Redroot.
Albugo bliti (Biv.) O. Kunze, White Rust. Jackson and Oktibbeha.

AMBROSIA

- A. ARTEMISIIFOLIA L., Common Ragweed
Albugo tragopogonis (Pers.) S. F. Gray, White Rust. Bolivar and Pearl River.
Erysiphe cichoracearum DC., Powdery Mildew. Amite and Oktibbeha.
Phyllachora ambrosiae (Schw.) Sacc., Leaf Spot. Marion and Oktibbeha.
- A. TRIFIDA L., Giant Ragweed.
Albugo tragopogonis (Pers.) S. F. Gray, White Rust. Oktibbeha.
Erysiphe cichoracearum DC., Powdery Mildew. Clay.
Sclerotium rolfsii Sacc., Southern Blight. Oktibbeha.
Septoria bacilligera Wint., Leaf Spot. Adams.

AMELANCHIER

- A. CANADENSIS (L.) Medic., Juneberry
Gymnosporangium nidus-avis Thaxt., Rust. Marshall.

AMORPHA

- A. FRUTICOSA L., Indigobush Amorpha
Camarosporium amorphae Sacc. Sunflower.
Diolodia amorphae (Wallr.) Sacc. Issaquena and Stone.
Uropyxis amorphae (Curt.) Schroet., Rust. Forrest and Monroe.

AMPHICARPA

- A. BRACTEATA, Southern Hogpeanut
Synchytrium decipiens Farl. Leake and Prentiss.
 A. PITCHERI Torr. & Gr., Pitchers Hogpeanut.
Synchytrium decipiens Farl. Lafayette.

ANDROPOGON

- A. FURCATUS Muhl., Big Bluestem.
Cerebella andropogonis Ces., False Smut. Washington.
Puccinia andropogonis Schw., Rust. Oktibbeha.
Puccinia ellisiana Thuem., Rust. Hinds.
 A. GLOMERATUS (Walt.) B.S.P., Bushy Bluestem.
Sorosporium consanguineum Ell. & Ev., Smut. Hancock.
 A. MURICATUS Retz., Grass.
Didymella andropogonis Ell. & Ev., Leaf Spot. Monroe.
 A. SCOPARIUS Michx., Little Bluestem.
Puccinia andropogonis Schw., Rust. Clarke and Oktibbeha.
Puccinia ellisiana Thuem., Rust. Oktibbeha.
Sorosporium ellisii Wint., Smut. Oktibbeha and Webster.
Sorosporium everhartii Ell. & Gall., Smut. Forrest.
Sphacelotheca ischaemi (Fckl.) Clint., Smut. Yalobusha.
 A. VIRGINICUS L., Broomsedge.
Metasphaeria infuscans Ell. & Ev. Tate.
Uromyces andropogonis Tracy, Rust. Clarke.
 A. SP.
Stictis arundinaceae Pers. Yazoo.

ANEMONE

- A. CAROLINIANA Walt., Carolina Anemone.
Septoria anemones Desm., Leaf Spot. Oktibbeha.
 A. VIRGINIANA L., Tall Anemone.
Phleospora anemones Ell. & Kell. Lafayette.
Puccinia anemones-virginianae Schw., Rust. Lafayette.
Septoria anemones Desm., Leaf Spot. Attala and Oktibbeha.

ANTHOXANTHUM

- A. ARISTATUM Boiss., Annual Vernalgrass.
Puccinia graminis Pers., Rust. Oktibbeha.

ANTIRRHINUM

- A. MAJUS L., Common Snapdragon.
Colletotrichum antirrhini Stewart, Anthracnose. Lauderdale.
Puccinia antirrhini Diet. & Holw., Rust. Wilkinson.
- A. SP., Snapdragon.
Heterodera marioni (Cornu) Goodey, Root-knot. Copiah, Lauderdale,
 Lee, Monroe, and Washington.
Puccinia antirrhini Diet. & Holw., Rust. Copiah, Marion, and
 Wilkinson.

APIUM

- A. GRAVEOLENS L., Celery
Cercospora apii Fr., Leaf Spot. Calhoun, Clay, and Winston.

APOCYNUM

- A. CANNABINUM L., Hemp Dogbane.
Phyllosticta apocyni Trel., Leaf Spot. Choctaw.
Septoria littorea Sacc., Leaf Spot. Pontotoc.

ARABIS

- A. VIRGINICA (L.) Trel., Rockcress.
Albugo candida (Pers. ex Lev.) O. Kunze, White Rust. Oktibbeha.

ARACHIS

- A. HYPOGAEA L., Peanut.
Cercospora personata (Berk. & Curt.) Ell., Leaf Spot. Attala,
 Holmes, Jackson, Kemper, Oktibbeha, and Washington.
Sclerotium rolfsii Sacc., Southern Blight. Bolivar and Oktibbeha.

ARCTIUM

- A. MINUS Schk., Common Burdock.
Puccinia bardanae (Wallr.) Cda., Rust. Clarke.

ARISAEMA

- A. DRACONTIUM (L.) Schott, Dragonroot Jack-in-the-Pulpit.
Uromyces caladii (Schw.) Farl., Rust. Hinds and Wayne.

ARISTIDA

- A. PURPURASCENS Poir., Arrowfeather Threesawn.
Hendersonula aristidae (S.) Ell. Lowndes.

ARRHENATHERUM

- A. ELATIUS (L.) Beauv., Tall Oatgrass.
Ustilago perennans Rost., Smut. Attala and Rankin.
Ustilago segetum (Bull.) Dit., Loose Smut. Grenada and Lamar.

ARUNDINARIA

- A. TECTA (Walt.) Muhl., Small Cane.
Apiosporium montagnei (DuRoi. & Mont.) Sacc. Lee and Scott.
Belonium eustegiforme (Berk. & Curt.) Sacc. Sunflower.
Coniosporium arundinellae Ell. & Tracy. Benton and Pontotoc.
Diatrype consobrina Mont. Greene.
Meliola tenuis Berk. & Curt., Sooty Mold. Tunica.
Puccinia arundinariae Schw., Rust. Hinds.
Stictis helicotricha Ell. & Ev. Tunica.

A. SP., Cane.

Eoiccocum simplex Berk. & Curt. Jones.

A. SP.

Diatrype consobrina Mont. Pontotoc.
Hypoxyylon perforatum (Schw.) Fr. Pike.

ASCLEPIAS

A. INCARNATA L., Swamp Milkweed.

Cercospora clavata (Gerard) Pk., Leaf Spot. Washington.

A. SYRIACA L., Common Milkweed.

Cercospora clavata (Gerard) Pk., Leaf Spot. Monroe.

Uromyces asclepiadis (Schw.) Cke., Rust. Lafayette.

Uromyces howei Pk., Rust. Lafayette.

ASCYRUM

A. HYPERICOIDES L., St. Andrew's Cross.

Uromyces hyperici (Spreng.) Curt., Rust. Harrison.

A. STANS Michx., Atlantic St. Peter's Wort.

Cladosporium gloeosporioides Atk. Pearl River.

ASIMINA

A. TRILOBA (L.) Dunal., Common Pawpaw.

Phyllosticta asiminae Ell. & Kell., Leaf Spot. Oktibbeha.

ASPARAGUS

A. OFFICINALIS L., Garden Asparagus.

Puccinia asparagi DC., Rust. Forrest and Tallahatchie.

A. SPRENGERI Regel., Sprenger Asparagus.

Cladosporium fasciculare (Pers.) Fr., Leaf Mold. Rankin.

A. VERTICILLATUS L., Asparagus.

Puccinia asparagi DC., Rust. Jefferson.

ASTER

A. CORDIFOLIUS L., Common Blue Wood Aster.

Puccinia asteris Duby, Rust. Jackson.

Puccinia asterum Kern, Rust. Jackson and Oktibbeha.

Puccinia extensicola Plowr., Rust. Oktibbeha.

ASTER cont.

A. SAGITTIFOLIUS Willd., Arrowleaved Aster.

Coleosporium solidaginis (Schw.) Thuem., Rust. Oktibbeha.

A. SP.

Rosenscheldia heliopsidis (Schw.) Theiss. & Syd. Yalobusha.

AUCUBA

A. JAPONICA, Japanese Aucuba.

Phyllosticta aucubae Sacc. & Speg., Leaf Spot. Holmes.

AVENA

A. SATIVA L., Common Oat.

Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose.

Claiborne.

Dicaeoma rhamni Ktze., Rust. Harrison.

Helminthosporium sp., Leaf Spot.

Pseudomonas avenae Manns. Oktibbeha.

Puccinia coronata Cda., Crown Rust. Attala, Grenada, Harrison, Jackson, and Yazoo.

Puccinia graminis avenae Eriks. & Henn., Stem Rust. Claiborne.

Sclerospora macrospora Sacc., Downy Mildew. Sunflower.

Ustilago avenae (Pers.) Jens., Loose Smut. George, Hinds, Holmes,

Humphreys, Issaquena, Madison, Oktibbeha, Panola, Rankin,

Sharkey, Simpson, Warren, and Washington.

Ustilago levis (Kell. & Swing.) Mag., Loose Smut. Jasper,

Newton, and Panola.

Ustilago segetum (Bull.) Dit., Loose Smut. Jefferson Davis.

AXONOPUS

A. COMPRESSUS (Swartz) Beauv., Carpet Grass.

Physarum cinereum (Batsch) Pers., Slime Mold.

A. SP., Carpet Grass.

Cerebella andropogonis Ces., False Smut. Wilkinson.

BEGONIA

B. SP., Begonia.

Agrobacterium tumefaciens (E. F. Sm. & Town.) Conn., Crown Gall.

Warren.

BERCHEMIA

B. SCANDENS (Hill) Trelease, Rattan-vine

Puccinia coronata Cda., Crown Rust. Oktibbeha.

BETA

B. VULGARIS L., Beet.

Cercospora beticola Sacc., Leaf Spot. Lee, Lincoln, Monroe, and Oktibbeha.

Heterodera marioni (Cornu) Goodey, Root-knot. DeSoto, Monroe, and Panola.

BETULA

B. LENTA L., Sweet Birch.

Asterosporium betulinum Pk. Rankin.Creonectria purpurea (L.) Seaver. Harrison.Diatrybella betulina Pk. Sharkey.Melanconis stilbostoma (Fr.) Tul., Twig Blight. Pontotoc.

B. SP., Birch.

Melanconium bicolor Nees ex Fr., Canker. Tunica.

BIDENS

B. FRONDOSA L., Beggarticks.

Cercospora umbrata Ell. & Holw., Leaf Spot. Lafayette.Sphaerotheca humuli (DC.) Burr., Powdery Mildew. Neshoba.

BIGNONIA

B. CAPREOLATA L., Crossvine.

Cercospora capreolata Ell. & Ev., Leaf Spot. Oktibbeha.Meliola bidentata Oke., Sooty Mold. Pearl River.

BOUTELOUA

B. CURTIPENDULA (Michx.) Torr.; Sideoats Grama.

Puccinia vexans Farl., Rust. Webster.

BRASSICA

B. NIGRA (L.) Koch, Black Mustard.

Albugo candida (Pers. ex Lévl.) O. Kunze, White Rust. Hinds, Jefferson, and Leflore.Macrosporium herculeum Ell. & Martin, Leaf Spot. Stone.

B. OLERACEA var. CAPITATA L., Cabbage.

Alternaria brassicae (Berk.) Sacc., Leaf Spot.Cercospora blosami Berk. & Br., Leaf Spot. George.Heterodera marioni (Cornu) Goodey, Root-knot. Choctaw, Copiah, Hancock, Harrison, Jackson, Lauderdale, Lincoln, Monroe, Noxubee, Oktibbeha, Rankin, Tate, Walthall, Webster, and Winston.Peronospora parasitica (Pers.) DBy., Downy Mildew. Adams, Lauderdale, and Walthall.Phoma lingam (Tode) Desm., Black Leg. Bolivar and Oktibbeha.

B. RAPA L., Turnip.

Alternaria herculea (Ell. & Mart.) J. A. Elliott, Leaf Spot. Clarke.Cercospora albo-maculans (Ell. & Ev.) Sacc., Leaf Spot. George, Jones, and Pearl River.Colletotrichum higginsianum Sacc., Leaf Spot. Calhoun, Harrison, Jones, Lauderdale, Oktibbeha, and Stone.Cylindrosporium brassicae Fautr. & Roum., Leaf Spot. Attala.Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Choctaw, Holmes, Jones, and Monroe.Peronospora parasitica (Pers.) DBy., Downy Mildew. Lowndes.

BROMUS

- B. SECALINUS L., Chess Brome.
Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose.
 Coahoma.
Phoma graminella Sacc. Yalobusha.

BUMELIA

- B. LYCIOIDES (L.) Pers., Southern Buckthorn.
Phyllosticta bumeliae Underw. & Earle, Leaf Spot. Oktibbeha.
Septoria bumeliae Sacc., Leaf Spot. George, Harrison, and Jackson.

BURSA

- B. BURSA-PASTORIS (L.) Britton, Shepherds-Purse.
Albugo candida (Pers. ex Lev.) O. Kunze, White Rust. Oktibbeha.

BUXUS

- B. SEMPERVIRENS L., Common Box
Laestadia buxi (Desm.) Sacc. Alcorn and Marshall.
Macrophoma candollei (Berk. & Br.) Berl. & Vogl., Leaf Blight.
 Alcorn, Coahoma, Hinds, Oktibbeha, and Pike.
Verticillium buxi (Lk.) Auerw. & Fleisch., Wilt. Alcorn.
 B. SP., Box.
Heterodera marioni (Cornu) Goodey, Root-knot. Greene and Harrison.
Macrophoma candollei (Berk. & Br.) Berl. & Vogl., Leaf Blight.
 Yazoo and Jones.
Nectria rousselliana Tul., Canker. Leflore.

CACALIA

- C. ATRIPLICIFOLIA L., Pale Indian Plantain
Septoria cacaliae Ell. & Kell., Leaf Spot. Choctaw.
 C. TUBEROSA Nutt., Indian Plantain.
Septoria cacaliae Ell. & Kell., Leaf Spot. Clarke.

CACTUS

- C. SP.
Gloeosporium cactorum Ston., Anthracnose. Forrest and Holmes.
Heterodera marioni (Cornu) Goodey, Root-knot. Holmes.

CALADIUM

- C. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. Hinds.

CALAMOVILEA

- C. LONGIFOLIA (Hook.) Scribn., Prairie Sandreed.
Puccinia amphigena Diet., Rust. Oktibbeha.

CALLICARPA

- C. AMERICANA L., American Beautyberry.
Cercospora callicarpae Cke., Leaf Spot. Cobiah.
Diatrype callicarpae Berk. & Rav. Holmes.

CALLISTEPHUS

- C. CHINENSIS (L.) Nees, Common China-Aster.
Fusarium oxysporum f. conglutinans (Wtr.) Snyder & Hansen, Yellows.
 Yazoc.

CAMELLIA

- C. JAPONICA L., Common Camellia.
Colletotrichum camelliae Mass. Hancock, Harrison, Pearl River,
 and Pike.
Colletotrichum sp., Anthracnose. Hancock and Jones.
Glomerella cingulata (Stonem.) Spauld. & Schrenk., Anthracnose.
 Jones.
Monochaetia camelliae Miles, Leaf Spot. Lowndes and Pike.
Pestalozzia guepini Desm., Leaf Spot. Adams and Tishomingo.
Phyllosticta sp., Leaf Spot. Harrison.
 C. SP.
Gloeosporium sp., Leaf Spot. Jones.

CAMPANULA

- C. AMERICANA L., Tall Bellflower.
Coleosporium campanulae (Pers.) Lév., Rust. Calhoun.
Septoria campanulae (Lév.) Sacc., Leaf Spot. Chickasaw.

CAMPSIS

- C. RADICANS Seem., Common Trumpet creeper.
Cercospora sordida Sacc., Leaf Spot. Lowndes, Oktibbeha, and
 Washington.

CAPSICUM

- C. ANNUUM L., Pepper
Bacterium vesicatorium Doidge, Leaf Spot.
Cercospora capsici Heald & Wolf, Leaf Spot.
Fusarium annuum Leon., Wilt.
Sclerotium rolfsii Sacc., Southern Blight. Stone.
 C. SP., Pepper,
Cercospora capsici Heald & Wolf, Leaf Spot. Pearl River and
 Stone.
Gloeosporium piperatum Ell. & Ev., Pod Rot, Anthracnose. Stone.
Glomerella piperata (Stonem.) Spauld & Schrenk. Pearl River.
Heterodera marioni (Cornu) Goodey, Root-knot. Harrison, Holmes,
 Humphreys, Jasper, Lauderdale, Leake, Leflore, Stone, Sun-
 flower, Walthall, and Washington.
Sclerotium rolfsii Sacc., Southern Blight. Stone.

CAREX

- C. CHEROKEENSIS Schwein., Cherokee Sedge.
Volutella caribicola Miles. Oktibbeha.
- C. COMPLANATA Torr., Hirsute Sedge.
Uromyces minutus Diet., Rust. Holmes.
- C. FRANKII Kunth., Frank's Sedge.
Puccinia bolleyana Sacc., Rust. Oktibbeha.
- C. MUHLENBERGII Schk., Muhlenberg's Sedge.
Puccinia asterum Kern., Rust. Choctaw.
Puccinia extensicola Plowr., Rust. Choctaw.
- C. SP., Sedge.
Puccinia ludibunda Ell. & Ev., Rust. Yalobusha.
- C. SP.
Puccinia asterum Kern., Rust. Harrison.
Puccinia extensicola Plowr., Rust. Harrison and Yalobusha.
Puccinia extensicola asteris (Thuem.) Arth., Rust. Harrison.
Puccinia minuta Diet., Rust. Lafayette.
Septoria riparia Pass., Leaf Spot. Oktibbeha.

CARPINUS

- C. CAROLINIANA Walt., American Hornbeam.
Periophora cinerea (P. ex Fr.) Cke. Yazoo.
- C. SP.
Hypoxyylon subchlorinum Ell. & Calk. Rankin.

CARYA

- C. ALBA (L.) K. Koch, Mockernut Hickory.
Microstroma juglandis (Ber.) Sacc., Leaf Spot. Oktibbeha.
- C. CORDIFORMIS (Wang.) K. Koch, Bitternut Hickory.
Clasterosporium uncinatum Clint. Bolivar.
- C. ILLINOENSIS (Wang.) K. Koch, Pecan.
Cercospora fusca Rand, Leaf Spot. Clarke, Coahoma, Jackson, and Leflore.
Cladosporium effusum (Wint.) Dem., Scab.
Fusicladium effusum Wint., Scab. Clarke, Humphreys, Jackson, Lamar, and Stone.
Gnomonia nerviseda Cole, Vein Spot. Oktibbeha.
Gnomonia setacea (P.) Ces. & DeN., Leaf Spot. Tishomingo.
Myriangium tuberculans Miles. Clarke, Hinds, Jackson, Lamar, and Marion.
Phyllosticta caryae Pk., Leaf Spot. Jones.
Polyporus hemileucus B. & C. Grenada.
Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Stone.

CARYA--continued

C. SP.

Cercospora fusca Rand, Leaf Spot. Lafayette.
Diatrybella hysterioides Ell. & Ev. Webster.
Thelephora retiformis Berk. & Curt. Yazoo.
Tryblidium insculptum Cke. Humphreys.
Valsa deusta Ell. & Ev. Lauderdale.

CASSIA

C. MARILANDICA L., American Senna.

Cercospora chamaecristae Ell. & Kell., Leaf Spot. Pearl River
 and Union.

Cercospora simulata Ell. & Ev., Leaf Spot. Pearl River.

C. OCCIDENTALIS L., Coffee Senna.

Cercospora occidentalis Cke., Leaf Spot. Coahoma.

Cercospora sphaeroidea Speg., Leaf Spot. Coahoma.

C. TORA L., Low Senna.

Cercospora nigricans Cke., Leaf Spot. Tipoh.

CASTANEA

C. DENTATA (Marsh.) Borkh., American Chestnut.

Endothia parasitica (Murr.) P. J. & H. W. Anderson, Blight.
 Tishomingo.

Leptothyrium castanicolum Ell. & Ev. Harrison.

C. SP.

Endothia parasitica (Murr.) P. J. & H. W. Anderson, Blight.
 Harrison.

CATALPA

C. BIGNONIoidES Walt., Southern Catalpa.

Macrosporium catalpae Ell. & Mart. Leflore and Noxubee.

C. SPECIOSA Warder, Northern Catalpa.

Microsphaera elevata Burr., Powdery Mildew. Marion.

Phyllosticta catalpae Ell. & Martin, Leaf Spot. Clay, George,
 and Jones.

CAULOPHYLLUM

C. THALICTROIDES (L.) Michx., Blue Cohosh.

Cercospora caulophylli Pk., Leaf Spot. Lafayette.

CEANOTHUS

C. AMERICANUS L., New Jersey Tea Ceanothus.

Phyllosticta ceanothi Miles, Leaf Spot. Marion.

CELASTRUS

- C. SCANDENS L., Climbing Bittersweet.
Cercospora melanochaeta Ell. & Ev., Leaf Spot. Bolivar.
Ramularia celastri Ell. & Martin, Leaf Spot. Attala, Lafayette,
 and Tunica.

CELOSIA

- C. SP., Cockscomb.
Heterodera marioni (Cornu) Goodey, Root-knot. Jasper.

CELTIS

- C. MISSISSIPPIENSIS Bosc., Southern Hackberry.
Uncinula polychaete Berk. & Curt., Powdery Mildew. Benton.
 C. OCCIDENTALIS L., Common Hackberry.
Uncinula parvula Cke. & Pk., Powdery Mildew. Clay.
 C. SP.
Eutypella stellulata (Fr.) Sacc. Quitman.

CEPHALANTHUS

- C. OCCIDENTALIS L., Button Bush.
Cercospora cephalanthi Ell. & Kell. Jefferson Davis.

CERASTIUM

- C. VISCOSSUM L., Mouse-ear Chickweed.
Peronospora alsinearum Casp., Downy Mildew. Oktibbeha.
Septoria cerastii Rob. & Desm., Leaf Spot. Hinds and Oktibbeha.
 C. VULGATUM L., Large Mouse-ear Chickweed.
Isariopsis alborosella (Desm.) Sacc. Tallahatchie.
Septoria cerastii Rob. & Desm., Leaf Spot. Oktibbeha.

CERCIS

- C. CANADENSIS L., Redbud.
Cercospora cercidicola Ell., Leaf Spot. Adams, Bolivar,
 Montgomery, and Newton.

CHAENOMELES

- C. LAGENARIA (Lois.) Koidz., Common Flowering Quince.
Septobasidium retiforme (Berk. & Curt.) Pat., Canker. George.

CHAEROPHYLLUM

- C. PROCUMBENS (L.) Crantz., Spreading Chervil.
Puccinia pimpinellae (Strauss) Mart., Rust. Holmes.

CHAMAECRISTA

- C. MULTIPINNATA (Poll.) Greene, Manyleaved Sensitive Pea.
Ravenelia cassiaeicola Atk., Rust. Oktibbeha.

CHELONE

C. GLABRA L., Snake-head.

Erysiphe galeopsidis DC., Powdery Mildew. Monroe.

CHENOPODIUM

C. ALBUM L., Lambsquarters Goosefoot.

Peronospora effusa (Grev.) Rab., Downy Mildew. Stone.

C. AMBROSIOIDES L., Mexican-Tea.

Cercospora anthelmintica Atk., Leaf Spot. Stone.

Phyllosticta ambrosioidis Thuem., Leaf Spot. Oktibbeha.

CHLORIS

C. SWARTZIANA Doell., Swartz's Chloris.

Cercospora caespitosa Ell. & Ev., Leaf Spot. Monroe.

CHRYSANTHEMUM

C. SP.

Cylindrosporium chrysanthemi Ell. & Dearn., Leaf Spot. Coahoma.

Heterodera marioni (Cornu) Goodey, Root-knot. Holmes, Tate, and Yazoo.

Puccinia chrysanthemi Roze, Rust. Marion.

Septoria chrysanthemella Sacc., Leaf Spot. Alcorn, Hinds, Jasper, Lauderdale, Tippah, and Washington.

CICUTA

C. MACULATA L., Spotted Waterhemlock.

Puccinia cicutae Lasch., Rust. Holmes.

CINNAMOMUM

C. CAMPHORA (L.) Nees & Eberm., Camphor-Tree.

Diplodia camphorae Tassi, Canker. Jackson.

Gloeosporium camphorae Sacc., Leaf Spot. Forrest and Harrison.

CIRCAEA

C. LUTETIANA L., Enchanter's Nightshade.

Puccinia circaeae Pers., Rust. Calhoun.

CIRSIIUM

C. ARVENSE (L.) Scop., Canada Thistle.

Septoria cirsii Niessl, Leaf Spot. Tishomingo.

C. LANCEOLATUM (L.) Hill., Common Bur Thistle.

Puccinia cnici H. Mart., Rust. Oktibbeha.

CITRULLUS

C. VULGARIS Schrad., Watermelon.

Cercospora citrullina Cke., Leaf Spot. Webster.

Colletotrichum lagenarium (Pass.) Ell. & Halst., Anthracnose. Jackson, Lee, and Newton.

CITRULLUS--cont.

C. VULGARIS--cont.

- Fusarium bulbigenum var. niveum (E. F. Sm.) Wollenweber, Wilt.
Fusarium oxysporum f. niveum (E. F. Sm.) Snyder & Hansen, Wilt.
 Practically state-wide.
Heterodera marioni (Cornu) Goodey, Root-knot. Lauderdale.

CITRUS

C. AURANTIUM L., Sour Orange.

- Capnodium citri Berk. & Desm. Jackson.
Cladosporium citri Mass., Scab. Wayne.
Cladosporium herbarium (Pers.) ex Lk. var. citricola Fawc. & Burger, Jackson.
Colletotrichum gloeosporioides Penz., Wither Tip. Jackson.
Sporotrichum citri Butl., Scab. Jones and Pearl River.

C. GRANDIS, Pummelo.

- Colletotrichum gloeosporioides Penz., Wither Tip. Jackson.
Sporotrichum citri Butl., Scab. Lamar.

C. NOBILIS Lour, King Orange.

- Colletotrichum gloeosporioides Penz., Wither Tip. Forrest and Jackson.
Pestalozzia guepini Desm., Leaf Spot. Jackson.

C. NOBILIS Lour var. UNSHIU Swingle, Satsuma Orange.

- Capnodium citri Berk. & Desm., Sooty Mold.
Cercospora aurantia Heald & Wolf, Leaf Spot. Stone.
Cladosporium citri Mass., Scab. Harrison and Jackson.
Colletotrichum gloeosporioides Penz., Wither Tip. Harrison and Jackson.
Sphaceloma fawcettii A. E. Jenkins, Scab.

C. RETICULATA, Tangerine.

- Cladosporium citri Mass., Scab. Jackson.

C. SINENSIS P., Sweet Orange.

- Cladosporium citri Mass., Scab. Harrison.

C. SP., Grapefruit.

- Colletotrichum gloeosporioides Penz., Wither Tip. George.
Phomopsis citri Fawc., Melanose Stem End Rot. Harrison and Jackson.
Pseudomonas citri Hasse, Citrus Canker. Jackson.

C. SP.

- Cladosporium citri Mass., Scab. George, Jackson, and Pearl River.
Colletotrichum gloeosporioides Penz., Wither Tip. George.
Myriangium duriae Mont. & Berk. Jackson.
Sertobasidium pseudopedicellatum Burt, Girdle and Canker. Jackson.

CLAYTONIA

C. VIRGINICA L., Spring Beauty.

Allodus claytoniata Arth. Oktibbeha.

Puccinia mariae-wilsoni G. W. Clint., Rust. Oktibbeha.

CLEMATIS

C. VIRGINIANA L., Virgin's Bower.

Ascochyta clematidina Thuem., Stem Rot and Leaf Spot. George.

Cylindrosporium clematidis Ell. & Ev., Leaf Spot. Jones and Noxubee.

COMANDRA

C. UMBELLATA (L.) Nutt., Common Comandra.

Cronartium comandrae Pk., Rust. Lafayette.

CONVOLVULUS

C. SEPIUM L., Hedge Bindweed.

Puccinia convolvuli (Pers.) Cast., Rust. Jones, Stone, and Tunica.

Septoria flagellaris Ell. & Ev., Leaf Spot. Marion.

COREOPSIS

C. SP.

Cercospora sp., Leaf Spot. Oktibbeha.

CORNUS

C. ALTERNIFOLIA L. f., Pagoda Dogwood.

Zythia aurantiaca (Peck) Sacc. George.

C. AMOMUM Mill., Swamp Dogwood.

Septoria cornicola Desm., Leaf Spot. Oktibbeha.

C. SP., Dogwood.

Cytospora cornui West. Yalobusha.

C. SP.

Glomerularia corni Pk., Anthracnose. Bolivar.

Meliola nidulans (Schw.) Cke., Sooty Mold. Forrest.

Septoria cornicola Desm., Leaf Spot. Quitman.

COTONEASTER

C. SP.

Phyllosticta cydoniae (Desm.) Sacc., Leaf Spot. Coahoma.

CRATAEGUS

C. CCCCINEA L., Red Haw.

Gymnosporangium globosum Farl., Rust. Oktibbeha.

Podosphaera oxycanthae (DC.) DBy., Powdery Mildew. Bolivar.

CRATAEGUS--cont.

- C. CRUS-GALLI L., Cockspur Thorn.
Gymnosporangium clavipes Cke. & Pk., Rust. Oktibbeha.
Gymnosporangium trachysorum Kern, Rust. Oktibbeha.
Podosphaera oxycanthae (DC.) DBy., Powdery Mildew. Hancock.
- C. MARSHALLII Eggl., Parsley Haw.
Gymnosporangium trachysorum Kern, Rust. George.
- C. MOLLIS (T. & G.) Scheele, Downy Hawthorn
Discosia artocreas Tode ex Fr., Leaf Spot. Oktibbeha.
Myriangium tuberculans Miles. Oktibbeha.
Septobasidium pedicillatum (Schw.) Pat., Canker. Oktibbeha.
- C. SPATHULATA Michx., Small-fruited Thorn or Haw.
Gymnosporangium floriforme Thaxt., Rust. Oktibbeha.
- C. SUBMOLLIS Sargent, Emerson's Thorn.
Gymnosporangium globosum Farl., Rust. Oktibbeha.
- C. SP., Crabapple.
Gymnosporangium globosum Farl., Rust.
- C. SP., Hawthorn.
Gymnosporangium clavipes Cke. & Pk., Rust. Oktibbeha.
Gymnosporangium globosum Farl., Rust. Forrest and Oktibbeha.
- C. SP., Mayhaw.
Gymnosporangium globosum Farl., Rust.
- C. SP.
Entomosporium thuemenii (Cke.) Sacc. Lafayette.
Gymnosporangium clavipes Cke. & Pk., Rust. Lowndes and Oktibbeha.

CROTALARIA

- C. INTERMEDIA Kotschy, Crotalaria.
Fusarium bulbigenum var. tracheiphilum.
- C. SPECTABILIS Roth, Showy Crotalaria.
Cercospora sp., Leaf Spot. Oktibbeha.
Corticium vagum Berk. & Curt., Basal Stem Canker.
Oidium erysiphoides Fr. var. crotalariae Ciferri & Fragoso.

CROTON

- C. CAPITATUS Michx., Woolly Croton.
Bubakia crotonis (Cke.) Arth., Rust. Oktibbeha.
Phakopsora crotonis Arth., Rust. Oktibbeha.
- C. MONANTHOGYNUS Michx., Single-fruited Croton
Bubakia crotonis (Cke.) Arth., Rust. Oktibbeha.
Phakopsora crotonis Arth., Rust. Oktibbeha.
Uromyces graminicola Burr., Rust. Covington.

CUCUMIS

C. MELO L., Muskmelon.

Alternaria brassicae var. nigrescens Pegl., Leaf Spot. Simpson.
Macrosporium cucumerium Ell. & Ev., Leaf Blight. Rankin.
Sclerotium rolfsii Sacc., Southern Blight. Pearl River.

C. MELO var. CANTALUPENSIS, Cantaloupe.

Colletotrichum lagenarium (Pass.) Ell. & Halst., Anthracnose.
 Oktibbeha.
Heterodera marioni (Cornu) Goodey, Root-knot. Alcorn.
Pseudoperonospora cubensis (Berk. & Curt.) Rostow., Downy Mildew.
 Oktibbeha.

C. SATIVUS L., Cucumber.

Bacillus tracheiphilus E. F. Sm., Bacterial Wilt. Oktibbeha.
Colletotrichum lagenarium (Pass.) Ell. & Halst., Anthracnose.
 Claiborne, Harrison, Jackson, and Tishomingo.
Erysiphe cichoracearum DC., Downy Mildew. Jackson.
Heterodera marioni (Cornu) Goodey, Root-knot. Holmes, Jackson,
 and Stone.
Pseudoperonospora cubensis (Berk. & Curt.) Rostow., Downy Mildew.
 Oktibbeha and Pearl River.
Sclerotium rolfsii Sacc., Southern Blight. Pearl River.

CUCURBITA

C. PEPO L., Pumpkin.

Heterodera marioni (Cornu) Goodey, Root-knot. Harrison.

CYAS

C. REVOLUTA Thunb., Fern Palm.

Phoma bresadolae Sacc., Leaf Spot. Harrison.

CYCLAMEN

C. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Grenada.

CYDONIA

C. JAPONICA, Flowering Quince.

Cercospora cydoniae Ell. & Ev., Leaf Spot. Oktibbeha.

C. OBLONGA Mill., Common Quince.

Discosia artocreas Tode ex Fr., Leaf Spot. Harrison.
Entomosporium maculatum Lévl., Leaf Blight. Pontotoc.
Fabraea maculata (Lévl.) Atk., Leaf Blight. Harrison and Panola.
Gymnosporangium clavipes Cke. & Pk., Rust. Humphreys.

CYNODON

C. DACTYLON (L.) Pers., Bermuda Grass.

Physarum cinereum (Batsch) Pers., Slime Mold. Jones.
Puccinia cynodontis Lacroix., Rust. Oktibbeha.
Ustilago cynodontis Henn., Smut. Lamar.

CYPERUS

- C. ROTUNDUS L., Nut Grass Flatsedge.
Puccinia canaliculata (Schw.) Lagerh., Rust. Washington.
- C. STRIGOSUS L., Straw-colored Flatsedge.
Puccinia canaliculata (Schw.) Lagerh., Rust. Claiborne.
- C. SP.
Puccinia cyperi Arth., Rust. Clarke.

CYRILLA

- C. RACEMIFLORA L., Southern Leatherwood.
Aecidium cyrillae Arth., Rust. Jackson.
Lophodermium cyrillicola Tracy & Earle. Jackson.

CYSTOPTERIS

- C. FRAGILIS (L.) Bernh., Brittle Bladderfern.
Hyalospora polypodii (Pers.) Magn., Leaf Spot. Lafayette.

DACTYLIS

- D. GLOMERATA L., Orchard Grass.
Scolecotrichum graminis Fckl., Leaf Blotch. Choctaw.

DACTYLOCTENIUM

- D. AEGYPTIUM (L.) Willd., Crowfoot Grass.
Ustilago sparsa Underw., Smut. Leflore.

DAHLIA

- C. SP.
Alternaria fasciculata (Cke. & Ell.) Jones & Grout, Leaf Spot.
 Clay.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Grenada,
 Lamar, and Oktibbeha.

DASYSTOMA

- D. VIRGINICA (L.) Britton, Smooth False Foxglove.
Cercospora gerardiae Ell. & Dearn., Leaf Spot. Noxubee.

DATURA

- D. STRAMONIUM L., Jimsonweed.
Alternaria solani (Ell. & Mart.) Jones & Grout, Early Blight.
 George and Itawamba.
Macrosporium solani Ell. & Martin, Leaf Spot. Harrison and
 Tate.

DAUCUS

- D. CAROTA L., Carrot.
Cercospora apii Fr. var. carotae Pass., Leaf Spot. Marshall.
Macrosporium carotae Ell. & Lam., Leaf Blight. Coshoma and
 Hinds.

DELPHINIUM

D. SP., Larkspur.

Sclerotium rolfsii Sacc., Southern Blight. Franklin.

DESMODIUM

D. CANADENSE (L.) DC., Canada Tickclover.

Ramularia desmodii Cke., Leaf Spot. Lawrence.Uromyces hedysari-paniculati (Schw.) Farl., Rust. Choctaw and Oktibbeha.

D. CANESCENS DC., Hoary Ticktrefoil.

Synchytrium decipiens Farl. Forrest.

D. LONGIFOLIUM Nutt.

Uromyces hedysari-paniculati (Schw.) Farl., Rust. Alcorn.

D. MARYLANDICUM (L.) DC., Maryland Tickclover.

Uromyces hedysari-paniculati (Schw.) Farl., Rust. Tishomingo.

D. PANICULATUM (L.) DC., Panicked Tickclover.

Parodiella perisporioides (Berk. & Curt.) Speg., Black Spot. Wayne.Uromyces hedysari-paniculati (Schw.) Farl., Rust. Choctaw and Oktibbeha.

D. RIGIDUM DC., Rigid Tickclover

Parodiella perisporioides (Berk. & Curt.) Speg., Black Spot.

Amite and Noxubee.

Uromyces hedysari-paniculati (Schw.) Farl., Rust. Oktibbeha.

D. SP.

Parodiella perisporioides (Berk. & Curt.) Speg., Black Spot. Hinds.Uromyces hedysari-paniculati (Schw.) Farl., Rust. Oktibbeha.

DEUTZIA

D. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Covington.

DIANTHUS

D. BARBATUS L., Sweet-William.

Puccinia arenariae (Schum.) Wint., Rust. Marion and Monroe.

D. CARYOPHYLLUS L., Carnation.

Alternaria dianthi Stev. & Hall., Leaf Spot. Simpson.

D. SP., Carnation.

Alternaria dianthi Stev. & Hall., Leaf Spot. Harrison.Heterodera marioni (Cornu) Goodey, Root-knot. Lee.Septoria dianthi Desm., Leaf Spot. Hinds.Uromyces caryophyllinus (Schr.) Wint., Rust. Lauderdale, Lee, and Washington.

DICHONDRA

- D. CAROLINENSIS Michx., Dichondra.
Puccinia dichondrae Mont., Rust. Harrison.

DIERVILLA

- D. SP., Bushhoneysuckle.
Septoria diervillae Ell. & Ev., Leaf Spot. Simpson.

DIGITARIA

- D. SANGUINALIS (L.) Scop., Hairy Crabgrass.
Tilletia corona Scribn., Smut. Marion.
Tilletia pulcherrima Ell. & Gall., Smut. Perry.
Ustilago rabenhorstiana Kuehn, Smut. Coahoma, Lee, Oktibbeha,
 and Winston.

DIODIA

- D. TERES Walt., Rough Buttonweed.
Cercospora diodiae Cke., Leaf Spot. Pearl River.
Cercospora diodiae-virginianae Atk., Leaf Spot. Pearl River.
Uromyces spermacoces (Schw.) Curt., Rust. Choctaw, Marion,
 and Oktibbeha.

DIOSPYROS

- D. KAKI L. f., Japanese Persimmon.
Gloeosporium diospyri Ell. & Ev., Leaf Spot. Jackson.
 D. VIRGINIANA L., Common Persimmon.
Cercospora diospyri (Thuem.) Cke., Leaf Spot. Oktibbeha.
Cercospora flexuosa Tracy & Earle. Oktibbeha.
Cercospora fuliginosa Ell. & Kell., Leaf Spot. Lamar.
Clasterosporium sp. Lamar.
Gloeosporium diospyri Ell. & Ev., Leaf Spot. Oktibbeha.

DISTICHLIS

- D. SPICATA (L.) Greene, Seashore Saltgrass.
Physalospora cynodontis DeLac. George.

DUCHESNEA

- D. INDICA (Andr.) Focke, Indian Strawberry.
Frommea duchesneae Arth. Harrison and Hinds.
Kuehneola duchesneae Arth., Rust. Hinds.

ECHINOCHLOA

- E. CRUS-GALLI (L.) Beauv., Barnyardgrass.
Vermicularia affinis S. & B. Forrest.

ECHIUM

- E. VULGARE L., Blueweed
Cercospora echii Wint., Leaf Spot. Bolivar.

ELAEAGNUS

- E. SP., Silverberry
Cercospora elaeagni Heald & Wolf, Leaf Spot. Coahoma.
- E. SP.
Phyllosticta argyrea Speg., Leaf Spot. Washington.

ELEOCHARIS

- E. OBTUSA (Willd.) Schultes, Blunt Spikededge.
Puccinia eleocharidis Arth., Rust. Tishomingo.

ELEPHANTOPUS

- E. CARCLINIANUS Willd., Carolina Elephant's Foot.
Coleosporium elephantopodis (Schw.) Thuem., Rust. George, Lafayette, Oktibbeha, and Perry.
- E. NUDATUS A. Gray, Smoothish Elephant's Foot.
Coleosporium elephantopodis (Schw.) Thuem., Rust. Oktibbeha and Perry.
- E. TOMENTOSUS L., Tobaccoweed.
Coleosporium elephantopodis (Schw.) Thuem., Rust. Oktibbeha.

ELYMUS

- E. CANADENSIS L., Canada Wild-Rye.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Oktibbeha.
Puccinia graminis Pers., Rust. Oktibbeha.
Urocystis agropyri (Preuss) Schroet., Smut. Oktibbeha.
- E. VIRGINICUS L., Virginia Wild-Rye.
Septoria bromi Sacc., Leaf Spot. Holmes.

ERAGROSTIS

- E. SP., Grass.
Helminthosporium geniculatum Tracy & Earle, Leaf Spot. Claiborne.
- E. SP.
Dinemasporium gramineum Lévl. Carroll.

ERIANTHUS

- E. CONTORTUS Ell., Beardgrass.
Cerebella andropogonis Ces., False Smut. Bolivar.

ERIGERON

- E. ANNUUS (L.) Pers., Sweet Scabious.
Septoria erigerontis Pk., Leaf Spot. Oktibbeha.
- E. PHILADELPHICUS L., Philadelphia Fleabane.
Cercospora cana (Pass.) Sacc. Oktibbeha.
Puccinia asterum Kern., Rust. Oktibbeha.
Puccinia extensicola asteris (Thuem.) Arth., Rust. Oktibbeha.
Puccinia extensicola erigerontis Arth., Rust. Oktibbeha.
Virus, Aster Yellows.

EUONYMUS

- E. ATROPURPUREUS Jacq., Burningbush.
Microsphaera alni (DC.) Wint., Powdery Mildew. Pearl River.
- E. JAPONICUS Thunb., Evergreen Burningbush.
Cercospora destructiva Rav., Leaf Spot. Forrest.
Colletotrichum griseum Heald & Wolf, Anthracnose. Adams,
 Coahoma, George, Grenada, Harrison, Jones, Kemper, Lauderdale,
 Leflore, Monroe, Noxubee, Oktibbeha, and Wayne.
Exosporium concentricum Heald & Wolf, Leaf Spot. Alcorn and
 Lowndes.
Glomerella cingulata (Stonem.) Spauld. & Schrenk., Anthracnose.
 Hinds, Lauderdale, and Oktibbeha.
Oidium euonymi-japonici (Arcang.) Sacc., Powdery Mildew. Adams,
 Clarke, Copiah, Harrison, Jefferson, Lauderdale, Pike, and
 Walthall.
Oidium sp., Powdery Mildew. Jones.
- E. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. Greene and
 Holmes.
Microsphaera alni (DC.) Wint., Powdery Mildew. Tunica.
Phyllosticta euonymi Sacc., Leaf Spot. Marshall.

EUPATORIUM

- E. COELESTINUM L., Mistflower Eupatorium.
Puccinia conoclini Seym., Rust. Newton and Oktibbeha.
- E. PERFOLIATUM L., Common Thoroughwort.
Septoria eupatorii Rob. & Desm., Leaf Spot. Oktibbeha.
- E. ROTUNDIFOLIUM L., Roundleaf Thoroughwort.
Puccinia eleocharidis Arth., Rust. Harrison.
- E. URTICAEFOLIUM Reichard, White Snakeroot.
Cercospora ageratoidis Ell. & Ev., Leaf Spot. Yalobusha.
Entyloma compositarum Farl., Leaf Smut. Rankin.
Puccinia tenuis (Schw.) Burr., Rust. Lafayette.
- E. SP.
Puccinia eleocharidis Arth., Rust. Harrison.

EUPHORBIA

- E. COROLLATA L., Flowering Spurge Euphorbia.
Microsphaera euphorbiae (Pk.) Berk. & Curt., Powdery Mildew. Tippah.
- E. HETEROPHYLLA L., Painted Euphorbia.
Uromyces proëminens (DC.) Pass., Rust. Jones.
- E. HUMISTRATA Engelm., Hairy Spreading Spurge.
Uromyces proëminens (DC.) Pass., Rust. Jackson.

EUPHORBIA--cont.

- E. MACULATA L., Spotted Euphorbia.
Nigredo proëminens Arth., Rust. Stone.
Scolecotrichum euphorbiae Tracy & Earle, Leaf Spot. Jones.
- E. MARGINATA Pursh, Snow-on-the-Mountain Euphorbia.
Puccinia panici Diet., Rust. Simpson.
- E. SERPYLLIFOLIA Pers., Thymeleaf Spurge.
Peronospora euphorbiae Fckl., Downy Mildew. Jackson.
Uromyces proëminens (DC.) Pass., Rust. Jackson.
- E. SP.
Uromyces præominens (DC.) Pass., Rust. Sunflower.

FAGUS

- F. GRANDIFOLIA Ehrh., American Beech.
Asterosporium hoffmani Kunze. Lee.
Diatrype virescens (Schw.) Cke. Union.
Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Oktibbeha.
Polyporus versicolor (L.) Fr. Rankin.
- F. SYLVATICA L., European Beech.
Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Oktibbeha.

FICUS

- F. CARICA L., Fig.
Cercospora bolleana (Thurston) Sacc., Leaf Spot. Forrest, Jackson, Wilkinson, and Yalobusha.
Cercospora fici Heald & Wolf, Leaf Spot. Harrison and Jackson.
Corticium laetum Karst., Limb Blight. Hancock, Stone, and Tate.
Corticium stevensii Burt, Leaf Blight. Lamar and Pike.
Gloeosporium sp., Fruit Rot or Anthracnose. Yazoo.
Glomerella fructigena (Clint.) Sacc., Anthracnose. Jackson.
Heterodera marioni (Cornu) Goodey, Root-knot. George, Hancock, Hinds, Lauderdale, Lee, Noxubee, and Oktibbeha.
Macrophoma fici Alm. & Cam., Canker.
Physopella fici Arth., Rust.
Rhizoctonia microsclerotia Matz, Leaf Blight. Amite, Hancock, and Pearl River.
Tubercularia fici Edg. Jefferson.
- F. ELASTICA Roxb., Indiarubber Fig: Rubberplant.
Glomerella cincta (Stonem.) Spauld. & Schrenk, Anthracnose. Lamar.

FIMBRISTYLIS

- F. AUTUMNALIS (L.) R. & S., Slender Umbelled Spikerush.
Cintractia axicola (Berk.) Cornu, Smut. Jackson, Marion, and Scott.
Ustilago fimbristylis Thuem., Smut. Lauderdale.

FORSYTHIA

F. SP.

Coryneum kunzei Cda., Blight. Jackson.

Heterodera marioni (Cornu) Goodey, Root-knot. Clay, Covington, and Leflore.

FORTUNELLA

F. HINDSI, Hongkong Kumquat.

Phyllosticta sp., Leaf Spot. Harrison.

F. SP., Kumquat

Diaporthe citri Wolf, Melanose.

Stereum albobadium (Schw.) Fr. Jackson.

FRAGARIA

F. VIRGINIANA Duchesne, Virginia Strawberry.

Diplocarpon earliana (Ell. & Ev.) Wolf, Leaf Scorch. Monroe.

Mycosphaerella fragariae (Tul.) Lindau, Leaf Spot. Alcorn, Calhoun, Claiborne, Clarke, Jackson, Lafayette, Lauderdale, Leake, Lowndes, Marshall, Monroe, Montgomery, Oktibbeha, and Webster.

Phoma obscurans Ell. & Ev. Pontotoc.

F. SP.

Botrytis vulgaris (Pers.) Fr., Gray Mold. Attala and Lauderdale.

Dendrophoma obscurans (Ell. & Ev.) H. W. Anderson, Leaf Scorch.

Diplocarpon earliana (Ell. & Ev.) Wolf, Leaf Scorch.

Heterodera marioni (Cornu) Goodey, Root-knot. Jackson and Lauderdale.

Mycosphaerella fragariae (Tul.) Lindau, Leaf Spot.

Peizizella lythri Shear & Dodge, Ten Rot.

Sphaerella earliana Wint. Lauderdale.

FRAXINUS

F. AMERICANA L., White Ash.

Piggetia fraxini Berk. & Curt., Leaf Spot. Oktibbeha and Tishomingo.

F. PENNSYLVANICA Marsh., Red Ash.

Piggetia fraxini Berk. & Curt., Leaf Spot. Webster.

Puccinia fraxinata Arth., Rust. Harrison.

Puccinia peridermospora (Ell. & Tracy) Arth., Rust. Scott.

F. SP., Dead wood of

Apiosporium erysiophioides Sacc. & Ell. Simpson.

F. SP.

Cylindrosporium minus Ell. & Kell., Leaf Spot. Chickasaw.

Dimerosporium pulchrum Sacc. Quitman.

Poria punctata Fr. Webster.

GALAX

G. SP.

Asterina leemingii Ell. & Ev. Alcorn.

GALIAM

G. APARINE L., Catchweed Bedstraw.

Puccinia punctata Lk., Rust. Oktibbeha.

G. CONCINNUM Torr. & Gray, Shining Bedstraw.

Puccinia punctata Lk., Rust. Pearl River.

GARDENIA

G. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Greene, Harrison, Lauderdale, Leflore and Monroe.

GAURA

G. ANGUSTIFOLIA Michx., Narrowleaf Gaura.

Uromyces plumbarius Pk., Rust. Oktibbeha.

G. COCCINEA Rursh, Scarlet Gaura.

Uromyces plumbarius Pk., Rust. Wilkinson.

GERANIUM

G. CAROLINIANUM L., Carolina Geranium.

Pestalotziella subsessilis Sacc. & Ell., Leaf Spot. Oktibbeha.Rhynchospora geranii (Pk.) Wils. Oktibbeha.

GEUM

G. CANADENSE Jacq., White Avena.

Peronospora potentillae DBy., Downy Mildew. Clay and Monroe.

GINKGO

G. BILOBA L.

Heterodera marioni (Cornu) Goodey, Root-knot. Stone.

GLADIOLUS

G. SP.

Bacterium marginatum L. McCul., Stem Rot.Fusarium sp., Bulb Rot.Heterodera marioni (Cornu) Goodey, Root-knot. Lee.Penicillium gladioli McCul. & Thom, Storage Rot. Lee.Saccharomyces sp., Yeast. Lauderdale.Septoria gladioli Pass., Hard Rot, Leaf Spot. Alcorn, Harrison, Jackson, Pearl River, and Warren.

GLEDTISIA

G. TRIACANTHOS L., Honeylocust.

Cercospora olivacea (Berk. & Rav.) Ell., Leaf Spot. Sunflower.Cercospora seymouriana Wint., Leaf Spot. Sunflower.

GLEDITSIA--cont.

G. TRIACANTHOS--cont.

Melasma gleditschiae (Lév.) Ell. & Ev., Tar Spot. Carroll and Monroe.

Microsphaera ravenelii Berk., Powdery Mildew. Attala and Kemper.

Myriangium duriaei Mont. & Berk. Pearl River.

Nummularia discreta (Schw.) Tul., Canker. Calhoun.

GLYCERIA

G. FLUITANS (L.) R. Br., Water Mannagrass.

Ustilago longissima (Sow.) Tul. var. macrospora Davis, Smut. Rankin.

GNAPHALIUM

G. PURPUREUM L., Purplish Cudweed.

Cercospora gnaphaliacea Cke., Leaf Spot. Pearl River.

Plasmopara halstedii (Farl.) B. & DeT., Downy Mildew. Union.

GOSSYPIUM

G. HERBACEUM L., Levant Cotton.

Alternaria gossypii Auct., Leaf Spot. Holmes.

Glomerella gossypii (South.) Edg., Anthracnose. Lamar.

Phyllosticta gossypina Ell. & Martin, Leaf Spot. Madison.

Ramularia areola Atk., Frosty Mildew. Choctaw and Clarke.

G. HIRSUTUM L., Upland Cotton.

Agrobacterium tumefaciens (E. F. Sm. & Town) Conn; Crown Gall. Oktibbeha.

Alternaria gossypii Auct., Leaf Spot. State-wide.

Alternaria sp., Leaf Spot.

Ascochyta gossypii Syd., Blight. Bolivar and Tunica.

Cercospora gossypina Cke., Leaf Spot.

Diplodia gossypina Cke., Boll Rot.

Fusarium oxysporum f. vasinfectum (Atk.) Snyder & Hansen, Wilt. Montgomery.

Fusarium vasinfectum Atk., Wilt.

Fusarium sp., Boll Rot.

Glomerella gossypii (South.) Edg., Anthracnose.

Macrosporium nigricentium Atk., Leaf Spot. Clay.

Myrothecium roridum Tode, (assoc. with leaf spot).

Phoma sp., Leaf Spot. Tunica.

Ramularia areola Atk., Frosty Mildew. Lafayette and Panola.

Rhizoctonia solani Kuehn, Leaf Blight and Sore Shin.

Spectocylindrium areola (Atk.) Pk. & Clint., Leaf Spot. Noxubee.

Thielaviopsis basicola (Berk.) Ferr., Collar Rot, Seedling Root Rot. Oktibbeha.

Verticillium albo-atrum R. & B., Verticillium Wilt. Benton, Bolivar, Coahoma, Claiborne, DeSoto, Humphreys, Lafayette, Leake, Ieflore, Marshall, Panola, Sunflower, Tallahatchie, Tunica, Union, and Washington.

GOSSYPIMUM--cont.

G. HIRSUTUM--cont.

Xanthomonas malvacearum (E. F. Sm.) Dowson, Black Arm, Angular Leaf Spot. Clay, Humphreys, Noxubee, Tallahatchie, Union, and Washington.

G. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Choctaw, Clarke, Leake, Leflore, Pearl River, Tate, Tishomingo, and Washington.

HAMAMELIS

H. VIRGINIANA L., Common Witchhazel.

Gonobotryum maculicola (Wint.) Sacc., Leaf Spot. Tishomingo.

Phyllosticta hamamelidis Pk., Leaf Spot. Harrison and Wayne.

Podosphaera binuncinata Cke. & Peck, Powdery Mildew. Franklin and Perry.

HEDERA

H. HELIX L., English Ivy.

Phyllosticta concentrica Sacc., Leaf Spot. Jackson.

Phyllosticta hedericola Dur. & Mont., Leaf Spot. Washington.

Vermicularia trichella Fr. Jefferson Davis and Tippah.

HELIANTHUS

H. ANGUSTIFOLIUS L., Swamp Sunflower.

Puccinia helianthi Schw., Rust. Tishomingo.

H. ANNUUS L., Common Sunflower

Puccinia helianthi Schw., Rust. Lowndes.

Septoria helianthi Ell. & Kell., Leaf Spot. Noxubee.

H. ATRORUBENS L., Hairy Wood Sunflower.

Puccinia helianthi Schw., Rust. Alcorn.

H. DIVARICATUS L., Woodland Sunflower.

Dicaeoma helianthi-mollis Arth., Rust. Jones.

Montagnella heliopsidis (Schw.) Sacc. Oktibbeha.

Puccinia helianthi Schw., Rust. Jones.

H. GIGANTEUS L., Giant Sunflower.

Coleosporium helianthi (Schw.) Arth., Rust. Oktibbeha.

H. HIRSUTUS Raf., Stiffhaired Sunflower.

Erysiphe cichoracearum DC., Powdery Mildew. Pearl River.

Puccinia helianthi Schw., Rust. Choctaw.

H. MOLLIS Lam., Ashy Sunflower

Puccinia helianthi Schw., Rust. Alcorn.

H. TUBEROSUS L., Jerusalem Artichoke Sunflower.

Erysiphe cichoracearum DC., Powdery Mildew. Rankin.

HELIANTHUS--cont.

H. SP., Sunflower.

Erysiphe cichoracearum DC., Powdery Mildew. Oktibbeha.

HIBISCUS

H. ESCULENTUS L., Okra.

Cercospora hibisci Tracy & Earle, Leaf Spot. Jackson, Madison, and Tippah.Cercospora spp., Leaf and Pod Spot.Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Choctaw, Clarke, Clay, Forrest, Harrison, Holmes, Humphreys, Jackson, Jasper, Jones, Lauderdale, Leake, Leflore, Neshoba, Newton, Tippah, Warren, Washington, Wayne, Webster, and Winston.

H. SYRIACUS L., Shrub Althea, Rose-of-Sharon.

Kuehneola malvicola (Speg.) Arth., Rust. Jackson and Jones.

HORDEUM

H. JUBATUM L., Foxtail Barley.

Puccinia graminis Pers., Stem Rust. Hancock.

H. NODOSUM L., Meadow Barley.

Uromyces hordeinus Arth., Rust. Lauderdale.

H. PUSILLUM Nutt., Little Barley.

Erysiphe graminis DC., Powdery Mildew. Oktibbeha and Yalobusha.Uromyces hordei Tracy, Leaf Rust. Oktibbeha.

H. VULGARE L., Barley.

Helminthosporium sativum (Pam.) King & Bakke, Spot-Blotch. Oktibbeha.Helminthosporium sp., Leaf Spot.Puccinia anomala Rostr., Leaf Rust.Ustilago hordei (Pers.) Kell. & Swing., Loose Smut. Issaquena, Jackson, and Oktibbeha.Ustilago nuda (Jens.) Kell. & Swing., Loose Smut. Oktibbeha and Warren.

HOUSTONIA

H. COERULEA L., Bluets.

Aecidium oldenlandianum Ellis & Tr., Rust. Oktibbeha.Peronospora seymourii Burr., Downy Mildew. Oktibbeha.Uromyces peckianus Farl., Rust. Oktibbeha.

H. PURPUREA L., Large Houstonia.

Uromyces peckianus Farl., Rust. Oktibbeha.

HYDRANGEA

H. ARBORESCENS L., Smooth Hydrangea.

Botrytis cinerea Pers., Blight. Wayne.Pucciniastrum hydrangeae (Berk. & Curt.) Arth., Rust. Covington.Septoria hydrangeae Bizz., Leaf Spot. Franklin.

HYDRANGEA

H. SP.

- Cercospora hydrangeae Ell. & Ev., Leaf Spot. Forrest and Oktibbeha.
Gloeosporium sp., Leaf Spot. Hinds.
Heterodera marioni (Cornu) Goodey, Leaf Spot. Tunica.
Septoria hydrangeae Bizz., Leaf Spot. Lauderdale, Tallahatchie, and Washington.

HYDROCOTYLE

- H. UMBELLATA L., Umbellata Marsh Pennywort.
Puccinia hydrocotyles (Link.) Cke., Rust. Jackson.
 H. VERTICILLATA Thunb., Marsh Pennywort.
Cercospora hydrocotyles Ell. & Ev., Leaf Spot. Jones.
 H. SP.
Septoria hydrocotyles Desm., Leaf Spot. Jackson.

HYPERICUM

- H. MUTILUM L., Dwarf St. Johnswort.
Nigredo hyperici-frondosi Arth., Rust. Lafayette.
 H. PROLIFICUM L., Shrubby St. Johnswort.
Uromyces hyperici (Spreng) Curt., Rust. Hinds.

HYPOXIS

- H. HIRSUTA (L.) Coville, Common Goldstargrass.
Uromyces affinis Wint., Rust. Jackson.

HYSTRIX

- H. PATULA Moench, Bottlebrush Grass.
Septoria bromi Sacc., Leaf Spot. Calhoun.

ILEX

- I. CORIACEA (Pursh) Chapm., Shining Inkberry.
Asterina pelliculosa Berk. Jackson and Smith.
Aulographum angustiforme (Tracy & Earle) Thiess. Jackson.
Lembosia angustiformis Tracy & Earle. Jackson.
 I. DECIDUA Walt., Possumhaw.
Rhytisma velatum (Schw.) Fr., Tar Spot. Forrest.
 I. OPACA Ait., American Holly.
Asterina pelliculosa Berk. Newton.
Cercospora ilicis Ell., Leaf Spot. Oktibbeha.
Macrosporium fasciculatum Cke. & Ell., Leaf Spot. Bolivar.
Phyllosticta opaca Ell. & Ev., Leaf Spot. Jackson.
Placosphaeria ilicis Miles. Harrison.
Rhytisma curtisii Berk. & Rav., Tar Spot. Harrison and Leflore.

ILEX--cont.

- I. VERTICILLATA (L.) A. Gray, Winterberry.
Micropera caespitosa (Pkr.) Archer. Panola.
Rhytisma ilicis-canadensis Schw., Tar Spot. Noxubee and Oktibeha.

ILICIIUM

- I. FLORIDANUM Ellis, Florida Anisetree.
Asteridium illicii Tracy & Earle. Jefferson Davis.
Laestadia illiciicola Tracy & Earle. Jackson.
Lembosia illiciicola Tracy & Earle. Jackson.

IMPATIENS

- I. BIFLORA Walt., Spotted Touch-Me-Not.
Puccinia rubigo-vera (DC.) Wint., Rust. Holmes and Winston.
Puccinia rubigo-vera impatientis (Arth.) Mains., Rust. Holmes and Winston.
Rhysotrocha obducens (Schroet) Wils. Clay.
- I. PALLIDA Nutt., Pale Touch-Me-Not.
Puccinia argentata (Schultz) Wint., Rust. Attala.
Puccinia rubigo-vera (DC.) Wint., Rust. Choctaw.

IPOMOEA

- I. BARBIGERA Sweet., Bearded Morning-glory.
Coleosporium ipomoeae (Schw.) Burr., Rust. Adams.
- I. BATATAS (L.) Lam., Sweetpotato.
Actinomyces ipomoeae Person, Soil Rot.
Albugo ipomoeae-banduranae (Schw.) Swing., White Rust. Adams, Amite, Holmes, and Tishomingo.
Ceratostomella fimbriata Elliott, Black Rot. Leflore, Oktibeha, and Wayne.
Colletotrichum sp. (assoc. with leaf spot)
Fusarium batatatis Wollenw., Stem Rot.
Fusarium hyperoxysporum Wollenw., Stem Rot.
Fusarium spp., Wilt.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Bolivar, Holmes, Itawamba, Jackson, Jasper, Lauderdale, Leake, Lee, Pike, and Tunica.
Monilochaetes infuscans Ell. & Halsted, Scurf.
Phyllosticta batatas (Thum.) Cke., Leaf Spot. George, Jackson, and Jones.
Physarum plumbeum Fr., Slime Mold. Forrest, Marshall, and Warren.
Physorella oblonga (Berk. & Curt.) Morg. Greene.
Plenodomus destruens Harter, Foot Rot. Chickasaw, Coahoma, Marshall, Oktibeha, Quitman, and Wilkinson.
Rhizopus nigricans Ehrenb. ex Fr., Soft Rot.

IPOMOEAE--cont.

I. BATATAS--cont.

Sclerotium rolfsii Sacc., Southern Blight. Adams, Hinds, and Marshall.
Septoria sp. Leaf Spot.
Sphaeronema fimbriatum (Ell. & Halst.) Sacc., Black Rot. Webster.
Stemonitis fusca (Roth) Rost., Slime Mold. Madison.
Virus, Mosaic. Pontotoc.

I. DIGITATA L., Fingerleaf Morning-glory.

Coleosporium ipomoeae (Schw.) Burr., Rust. Coahoma.

I. HEDERACEA Jacq., Ivyleaf Morning-glory.

Albugo ipomoeae-panduranae (Schw.) Swing., White Rust. Jackson and Montgomery.
Coleosporium ipomoeae (Schw.) Burr., Rust. Jackson.
Cystopus ipomoeae-panduranae Farl. Lauderdale.

I. LACUNOSA L., White Morning-glory.

Coleosporium ipomoeae (Schw.) Burr., Rust. Alcorn.

I. PANDURATA (L.) Mey., Wild Potato Vine.

Albugo ipomoeae-panduranae (Schw.) Swing., White Rust. Oktibbeha.
Coleosporium ipomoeae (Schw.) Burr. Rust. Coahoma.
Phyllosticta ipomoeae Ell. & Kell., Leaf Spot. Jackson.

I. PURPUREA (L.) Roth, Common Morning-glory.

Albugo ipomoeae-panduranae (Schw.) Swing., White Rust. Marion.
Coleosporium ipomoeae (Schw.) Burr., Rust. Adams.

I. SP., Morning-glory.

Coleosporium ipomoeae (Schw.) Burr., Rust. Oktibbeha.

IRIS

I. VERSICOLOR L., Blueflag Iris.

Mollisia iridis (Rehm.) Sacc. Boliver.

I. SP.

Didymellina iridis (Desm.) V. Hoehn., Leaf Spot. Neshoba and Washington.
Didymellina macrospora Kleb., Leaf Spot. Panola.
Puccinia iridis (DC.) Wallr., Rust. Lamar, Monroe, and Pike.
Sclerotium rolfsii Sacc., Southern Blight. Oktibbeha and Scott.
Scolecotrichum iridis Fautr. & Roum., Leaf Spot. Hinds, Leflore, Marshall, and Oktibbeha.
Virus, Mosaic.

JUGLANS

J. CINEREA L., Butternut.

Marssonina juglandis (Lib.) Sacc., Leaf Spot. Lafayette.

JUGLANS--cont.

J. NIGRA L., Eastern Black Walnut.

Cytospora juglandicola Ell. & Barth. Kemper and Leflore.

Marssonina juglandis (Lib.) Sacc., Leaf Spot. Bolivar.

Microstroma juglandis (Ber.) Sacc., Leaf Spot. Issaquena, Panola, and Yazoo.

J. SP., Walnut.

Cylindrosporium juglandis Wolf., Leaf Spot. Lauderdale.

Gnomonia leptostyla (Fr.) Ces. & DeN., Leaf Spot. Tunica.

Marssonina juglandis (Lib.) Sacc., Leaf Spot. Leflore.

JUNCUS

J. ACUMINATUS Michx., Sharpfruited Rush.

Cintractia junci (Schw.) Trel., Smut. Quitman.

JUNIPERUS

J. BERMUDIANA L., Bermuda Red Cedar.

Gymnosporangium bermudianum (Farl.) Earle, Rust. Harrison.

J. CHINENSIS L., Pyramid Chinese Juniper.

Pitya cupressi (Batsch) Fckl. Jefferson Davis.

J. PFITZERIANA, Pfitzer's Juniper.

Agrobacterium tumefaciens (E. F. Sm. & Town.) Conn., Crown Gall.

J. VIRGINIANA L., Eastern Red Cedar.

Gymnosporangium bermudianum (Farl.) Earle, Rust. Harrison.

Gymnosporangium clavipes Cke. & Pk., Rust. Oktibbeha and Washington.

Gymnosporangium floriforme Thaxt., Rust. Lowndes and Oktibbeha.

Gymnosporangium globosum Farl., Rust. Oktibbeha.

Gymnosporangium nidus-avis Thaxt., Rust. Washington.

Polyporus barbatulus (Fr.) Rav. Issaquena.

JUSSIAEA

J. DECURRENS (Walt.) DC., Water Primrose.

Puccinia jussiaeae Speg., Rust. Coahoma.

KALMIA

K. LATIFOLIA L., Mountain-laurel.

Phyllosticta kalmicola (Schw.) Ell. & Ev., Leaf Spot. Harrison.

Phyllosticta latifoliae Ell. & Ev., Leaf Spot. George.

Septoria kalmiaeicola (Schw.) Berk. & Curt., Leaf Spot. Harrison.

KERRIA

K. JAPONICA DC., Japanese Kerria.

Coccomyces kerriae V. B. Stewart, Twig and Leaf Blight. Neshoba.

KOELLIA

K. MUTICA (Michx.) Britton, Short-toothed Mountain-mint.

Puccinia menthae Pers., Rust. Lee.

KOELLIA--cont.

- K. VIRGINIANA (L.) MacM., Virginia Mountain-mint.
Puccinia menthae Pers., Rust. Lafayette.

KRIGIA

- K. DANDELION (L.) Nutt., Dwarf-Dandelion.
Bremia lactucae Regel., Downy Mildew. Oktibbeha.
 K. VIRGINICA (L.) Willd., Carolina Dwarf-Dandelion.
Puccinia maculosa Schw., Rust. Hancock.

KUHNIA

- K. EUPATORIoidES L., False Boneset.
Puccinia kuhniae Schw., Rust. Choctaw.

KYLINGA

- K. PUMILA Michx., Low Kyllinga.
Helminthosporium sp., Leaf Spot. Oktibbeha.

LACTUCA

- L. CANADENSIS L., Canada Lettuce.
Bremia lactucae Regel., Downy Mildew. Choctaw.
Dicaeoma hieraciatum Arth. & Kern., Rust. Oktibbeha.
Puccinia extensicola hieraciata (Schw.) Arth., Rust. Oktibbeha.
Septoria lactucicola Ell. & Martin, Leaf Spot. Oktibbeha.
 L. SATIVA L., Garden Lettuce.
Bremia lactucae Regel., Downy Mildew. Copiah.
Sclerotinia sclerotiorum (Lib.) Massee, Watery Soft Rot.

LAGERSTROEMIA

- L. INDICA L., Common Crapemyrtle.
Erysiphe lagerstroemiae West., Powdery Mildew. Chicasaw,
 Clarke, and Jasper.
Uncinula australiana McAlpine, Powdery Mildew.

LAMIAM

- L. AMPLEXICAULE L., Henbit Deadnettle
Peronospora lamii Braun, Downy Mildew. Coahoma.

LATHYRUS

- L. ODORATUS L., Sweetpea.
Glomerella rufomaculans (Berk.) Spauld. & Schrenk, Anthracnose.
 Oktibbeha.

LEERSIA

- L. LENTICULARIS Michx., Catch-fly Grass.
Tilletia corona Scribn., Smut. Jefferson.

LEERSIA--cont.

- L. ORYZOIDES Sw., Rice Cut-Grass.
Tilletia corona Scribn., Smut. Copiah.
- L. VIRGINICA Willd., White Grass.
Uromyces halstedii DeT., Rust. Harrison.

LEPIDIDIUM

- L. VIRGINICUM L., Virginia Pepperweed.
Albugo candida (Pers. ex Lév.) O. Kunze, White Rust. Harrison.
Peronospora parasitica (Pers.) DBy., Downy Mildew. Oktibbeha.
Septoria lepidiicola Ell. & Martin, Leaf Spot. Grenada.

LEPTOCHLOA

- L. FILIFORMIS (Lam.) Beauv., Red Sprangletop.
Ustilago ornata Tracy & Earle, Smut. Rankin.

LESPEDeza

- L. CAPITATA Michx., Roundheaded Lespedeza.
Uromyces lespedezae-procumbentis (Schw.) Curt., Rust. Calhoun.
- L. HIRTA (L.) Hornem., Hairy Lespedeza.
Uromyces lespedezae-procumbentis (Schw.) Curt., Rust. Tishomingo.
- L. INTERMEDIA (Wats.) Britt., Wand Lespedeza.
Uromyces lespedezae-procumbentis (Schw.) Curt., Rust. Lee.
- L. REPENS (L.) Bart., Creeping Lespedeza.
Nigredo lespedezae-procumbentis Arth., Rust. Calhoun.
- L. STRIATA (Thunb.) H. & A., Common Lespedeza.
Microsphaera diffusa Cke. & Pk., Powdery Mildew. Neshoba.
- L. VIOLACEA (L.) Pers., Violet Lespedeza.
Nigredo lespedezae-procumbentis Arth., Rust. Forrest.
Uromyces lespedezae-procumbentis (Schw.) Curt., Rust. Forrest.

LEUCOTHOE

- L. AXILLARIS (Lam.) D. Don., Downy Leucothoe.
Exobasidium leucothoes Henn., Leaf Gall. Stone.
Mycosphaerella leucothoes Miles, Leaf Spot. Pearl River.

LIGUSTRUM

- L. INDICUM, India Privet.
Glomerella cingulata (Stonem.) Spauld. & Schrenk. Jones.
- L. JAPONICUM Thunb., Japanese Privet.
Cercospora ligustri Roum., Leaf Spot. Jefferson.
- L. LODENSE
Cercospora ligustri Roum., Leaf Spot. Washington.

LIGUSTRUM--cont.

- L. OVALIFOLIUM Hassk., California Privet.
Glomerella cingulata (Stonem.) Spauld. & Schrenk. George and Panola.

L. SP.

- Cercospora ligustri Roum., Leaf Spot. Coahoma and Lauderdale.
Heterodera marioni (Cornu) Goodey, Root-knot. Greene and Stone.
Microsphaera alni (DC.) Wint., Powdery Mildew.
Phyllosticta ovalifolii Brun., Leaf Spot. Humphreys and Washington.

LIPPIA

- L. LANCEOLATA Michx., Fogfruit.
Cercospora lipbiae Ell. & Ev., Leaf Spot. Clay.

LIQUIDAMBAR

- L. STYRACIFLUA L., American Sweetgum.
Cercospora liquidambaris Cke. & Ell., Leaf Spot. Bolivar, Monroe, Oktibbeha, and Stone.
Cercospora tuberculans Ell. & Ev., Leaf Spot. Lee.
Gnomoniella amoena (Nees) Fckl. var. petalorum (S.) Sacc., Leaf Spot. Copiah.
Hypoxylon perforatum (Schw.) Fr. Rankin.
Myriangium curtisii Berk. & Mont. Jackson.
Polyporus versicolor (L.) Fr. Greene.
Stereum fuscum Britz. Oktibbeha.
Stereum rameale Schw. Oktibbeha.

LIRIODENDRON

- L. TULIPIFERA L., Tulip Tree.
Cercospora liriodendri Ell. & Harkn., Leaf Spot. Neshoba.
Hypoxylon insidens (S.) Ell. & Ev. Coahoma.
Oospora tulipifera Ell. & Martin. Tishomingo.
Phyllosticta liriodendrica Cke., Leaf Spot. George, Jackson, and Marion.

LOLIUM

- L. MULTIFLORUM Lam., Ryegrass.
Puccinia rubigo-vera secalis (Erikss.) Carl., Rust. Jones.

LONICERA

- L. JAPONICA Thunb., Japanese Honeysuckle.
Cercospora periclymeni Wint., Leaf Spot. Oktibbeha.

LUDWIGIA

- L. ALTERNIFOLIA L., Seedbox.
Septoria ludwigiae Cke., Leaf Spot. Pearl River.

LUDWIGIA

L. HIRTELLA Raf., Hairy Ludwigia.

Puccinia jussiaeae Speg., Rust. Harrison, Jackson, and Oktibbeha.

LYCIUM

L. HALIMIFOLIUM Mill., Matrimony-Vine.

Puccinia tumidipes Pk., Rust. Harrison and Oktibbeha.

LYCOPERSICON

L. ESCULENTUM Mill., Common Tomato.

Alternaria solani (Ell. & Mart.) Jones & Grout, Early Blight.
Copiah, DeSoto, Jackson, and Oktibbeha.

Bacterium solanacearum E. F. Sm., Bacterial Wilt.

Cladosporium fulvum Cke., Leaf Mold. Harrison, Jackson, Monroe,
Pearl River, and Pike.

Fusarium lycopersici Sacc., Wilt.

Fusarium oxysporum f. lycopersici (Sacc.) Snyder & Hansen, Wilt.
Oktibbeha.

Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Choctaw,
Clarke, Clay, Copiah, Covington, Forrest, George, Harrison,
Holmes, Humphreys, Jackson, Jasper, Jones, Kemper, Leake,
Leflore, Monroe, Neshoba, Oktibbeha, Sharkey, Sunflower, Tate,
Washington, Wayne, and Yalobusha.

Phytophthora vesicatoria (Doidge) Bergey et al, Fruit Spot.

Phytophthora infestans (Mont.) DBy., Late Blight.

Sclerotium rolfsii Sacc., Southern Blight. Leflore.

Septoria lycopersici Speg., Leaf Spot. Copiah, Lawrence,
Lowndes, and Oktibbeha.

LYONIA

L. LIGUSTRINA DC., Privet Andromeda.

Rhytisma discolorans Fr., Tar Spot. Tishomingo.

MACLURA

M. POMIFERA Schneider, Osage Orange.

Ovularia macluriae Ell. & Lang., Cottony Leaf Spot. Panola.

MAHONIA

M. SP.

Macrophoma sp. Coahoma.

MAGNOLIA

M. GRANDIFLORA L., Southern Magnolia.

Meliola amphitricha Fr., Sooty Mold.

Phyllosticta cookei Sacc., Leaf Spot. George and Harrison.

Sphaceloma sp., Anthracnose. Pearl River.

Trichodothia comata (Berk. & Rav.) Theiss. & Syd. Copiah,
Hancock, and Yalobusha.

MAGNOLIA--cont.

- M. VIRGINIANA L., Laurel Magnolia,
Apiosporium erysiphoides Sacc. & Ell. Simpson.
Dothidella concaviuscula (Ell. & Ev.) Theiss. & Syd. Wayne.
Meliola amphitricha Fr., Sooty Mold. Chickasaw.
Sphaerella annulata Cke. Pearl River.
Sphaerella glauca Cke. Franklin.
Trichodothis comata (Berk. & Rav.) Theiss. & Syd. Pearl River.

MALUS

- M. PACCATO (L.) Borkh., Siberian Crabapple.
Acreobacterium tumefaciens (E. F. Sm. & Town.) Conn, Crown Gall.
 Washington.
- M. IOENSIS (Wood) Britton, Western Crabapple.
Gymnosporangium juniperi-virginiana Schw., Cedar Rust. Hinds,
 Marshall, Webster, and Yazoo.
- M. SYLVESTRIS Mill., Apple.
Armillaria mellea Vahl. ex Fries, Root Rot. Oktibbeha.
Cercospora mali Ell. & Ev., Leaf Spot. Tunica.
Corticium ochroleucum (Noack) Burt. Jackson.
Corticium stevensii Burt, Leaf Blight. George.
Gloeodes pomigena (Sacc.) Colby, Sooty Blotch. Tunica.
Glomerella cingulata (Stonem.) Spauld. & Schrenk, Bitter Rot.
 Harrison.
Gymnosporangium juniperi Lk., Rust. Washington.
Gymnosporangium juniperi-virginiana Schw., Cedar Rust. Calhoun,
 Lee, Oktibbeha, Scott, and Yazoo.
Hypochnus ochroleucus Noack. Prentiss.
Leptothyrium pomi (M. & F.) Sacc., Fly Speck. Oktibbeha.
Nummularia discreta (Schw.) Tul., Blister Canker. Washington.
Phyllosticta solitaria Ell. & Ev., Blotch. Adams, Jones, New-
 ton, Scott, Tippah, and Union.
Physalospora cydoniae Arnaud, Black Rot, Canker, Leaf Spot.
 Chickasaw, Oktibbeha, and Smith.
Physalospora malorum (Pk.) Shear, Black Rot, Frog-eye. Attala,
 DeSoto, and Marion.
Podosphaera oxycanthae (DC.) DBy., Powdery Mildew. Claiborne.
Septobasidium pedicellatum (Schw.) Pat., Canker. Tishomingo.
Septobasidium pseudopedicellatum Burt, Girdle and Canker.
 Choctaw, Lauderdale, and Lee.
Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Lauder-
 dale.
Sphaeropsis malorum Pk. Forrest.
Venturia inaequalis (Cke.) Wint., Scab. Simpson.
- M. SP., Apple.
Corticium salmonicolor Berk. & Br. Jackson.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Lee,
 Tippah, and Webster.

MALUS--cont.

M. SP., Flowering Crabapple.

Gymnosporangium juniperi-virginiana Schw., Cedar Rust. Warren and Yazoo.

MALVA

M. ROTUNDIFOLIA L., Running Mallow.

Cercospora althaeina Sacc., Leaf Spot. Jackson.

MEDICAGO

M. ARABICA (L.) Huds., Spotted Medic.

Ascochyta pisi Lib., Blight. Oktibbeha.

Cercospora medicaginis Ell. & Ev., Leaf Spot. Bolivar, Oktibbeha, and Washington.

Cercospora zebrina Pass., Leaf Spot. Bolivar and Washington.

Pleospora herbarum (Fr.) Rabh., Leaf Spot.

M. HISPIDA Gaertn., Toothed Medic, Bur Clover.

Cercospora medicaginis Ell. & Ev., Leaf Spot. Oktibbeha.

Cercospora zebrina Pass., Leaf Spot. Oktibbeha.

M. SATIVA L., Alfalfa

Cercospora medicaginis Ell. & Ev., Leaf Spot. Clay.

Colletotrichum trifolii Bain, Anthracnose. Clay, Harrison, Jackson, Jones, Oktibbeha, and Washington.

Pseudopeziza medicaginis (Lib.) Sacc., Leaf Spot. Coahoma, Lafayette, Newton, Oktibbeha, Sharkey, Simpson, Tallahatchie, Washington, and Yazoo.

Pyrenopeziza medicaginis Fckl., Yellow Leaf Blotch. Humphreys, Newton, and Union.

Uromyces striatus Schr., Rust. Bolivar.

Urophlyctis alfalfae (Lagh.) Magn., Crown Wart. Clay.

MELIA

M. AZEDARACH L., Chinaberry.

Cercospora leucosticta Ell. & Ev., Leaf Spot. George and Stone.

Cercospora meliae Ell. & Ev., Leaf Spot. George and Stone.

Colletotrichum sp., Anthracnose. Harrison.

MELICA

M. MUTICA Walt., Narrow Melicgrass.

Puccinia coronata Oda., Crown Rust. Lamar.

Puccinia melicae (Erikss.) Syd., Rust. Lamar.

MENISPERMUM

M. CANADENSE L., Canada Moonseed.

Cercospora menispermii Ell. & Holw., Leaf Spot. Calhoun.

MESADENIA

- M. ATRIPLICIFOLIA (L.) Raf., Pale Indian Plantain.
Erysiphe cichoracearum DC., Powdery Mildew. Lafayette.

MIKANIA

- M. SCANDENS (L.) Willd., Climbing Hempweed.
Puccinia spegazzinii DeT., Rust. Harrison.

MIMULUS

- M. ALATUS Soland., Sharpwinged Monkeyflower.
Septoria mimuli Ell. & Kell., Leaf Spot. Bolivar and Oktibbeha.

MONARDA

- M. FISTULOSA L., Wild Bergamot.
Puccinia menthae Pers., Rust. Jones.

MORUS

- M. RUBRA L., Red Mulberry.
Cercospora moricola Cke., Leaf Spot. Lowndes.
Cercospora pulvinulata Sacc. & Wint., Leaf Spot. Lowndes.
Sclerotinia carunculoides Siegler & Jenkins, Popcorn Disease.
 Clarke, Hinds, Scott, and Washington.
- M. SP.
Pseudomonas mori (Boyer & Lambert) F. S. Stevens, Bacterial
 Blight. Panola.

MUHLENBERGIA

- M. MEXICANA (L.) Trin., Wirestem Muhly.
Puccinia muhlenbergiae Arth. & Holw., Rust. Choctaw.
Puccinia schedonnardi Kell. & Sw., Rust. Choctaw.
- M. SCHREBERI Gmel., Nimblewill.
Phyllachora graminis (Pers. ex Fr.) Fekl., Black Spot. Perry.
- M. SP., Grass.
Phyllachora graminis (Pers. ex Fr.) Fekl., Black Spot. Lauderdale.

MYOSOTIS

- M. MACROSPERMA Engelm., Spring Scorpion Grass.
Peronospora myosotidis DBy., Downy Mildew. Oktibbeha.
Puccinia eatoniae myosotidis Mains, Rust. Oktibbeha.
Puccinia rubigo-vera apocrypta (Ellis & Tr.) Arth., Rust.
 Oktibbeha.

MYRICA

- M. CAROLINENSIS Mill., Small Waxberry.
Asterella myricae Miles. Jackson.

MYRICA--cont.

M. CERIFERA L., Southern Waxmyrtle.

Cercospora penicillus Ell. & Ev., Leaf Spot. George.

Mycosphaerella myricae Miles, Leaf Spot. Jackson.

NARCISSUS

N. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Lauderdale.

Septoria narcissi Cass., Leaf Spot.

NERIUM

N. OLEANDER L., Common Oleander.

Gloeosporium oleandri Sacc., Leaf Spot. Harrison.

Macrosporium nerii Cke., Leaf Spot. Hinds.

Phyllosticta nerii West., Leaf Spot. Hancock.

NICOTIANA

N. SP., Tobacco.

Cercospora nicotianae Ell. & Ev., Frog-eye. Pike.

NYMPHAEA

N. SP., Waterlily.

Cercospora nymphaeacea Cke. & Ell., Leaf Spot. Lincoln.

NYSSA

N. SYLVATICA Marsh., Sour Gum.

Bjerkandera adusta (Willd. ex Fr.) Karst. Oktibbeha.

Septobasidium patouillardii Burt. Harrison.

Stereum lobatum (Kze.) Fr. Stone.

N. SP.

Glenospora curtisii B. & Desm. Washington.

OENOTHERA

O. BIENNIS L., Common Evening-primrose.

Puccinia extensicola Plowr., Rust. George and Oktibbeha.

Puccinia beckii Kell., Rust. Oktibbeha.

Septoria oenotherae West., Leaf Spot. George and Pearl River.

O. LACINIATA Hill, Cutleaf Evening-primrose.

Septoria oenotherae West., Leaf Spot. Carroll, George, Jackson, and Oktibbeha.

Synchytrium fulgens Schroet. Hinds.

Uromyces plumbarius Pk., Rust. Oktibbeha.

OPUNTIA

O. SP., Pricklypear.

Gloeosporium cactorum Ston., Anthracnose. Forrest, Holmes, and Oktibbeha.

Gloeosporium opuntiae Ell. & Ev., Anthracnose. Perry.

OSMANTHUS

- O. AMERICANA (L.) Benth. & Hook., Devilwood, American Olive.
Meliola amphitricha Fr., Sooty Mold. Hancock.
Phyllosticta sinuosa Ell. & Martin, Leaf Spot. Wilkinson.
- O. FRAGRANS (Thunb.) Lour, Sweet Csmanthus.
Asterina sp. Hinds.

OSMUNDA

- O. CINNAMOMEA L., Cinnamon-Fern.
Leptostromella filicina (Berk. & Curt.) Sacc., Leaf Spot. Clay.

OSTRYA

- O. VIRGINIANA (Mill.) Willd., Ironwood.
Corticium oakesii Berk. & Curt. Franklin.
Diatrype albopruinosa (Schw.) Cke. & Ell. Noxubee.
Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Oktibbeha.
Phyllactinia suffulta (Reb.) Sacc., Powdery Mildew. Lawrence and
 Newton.
Valsa ambiens (Pers.) Fr. Hinds.

OXALIS

- O. STRICTA L., Upright Yellow Woodsorrel.
Ustilago oxalidis Ell. & Tracy, Smut. Quitman.
- O. VIOLACEA L., Violet Woodsorrel.
Puccinia oxalidis (Lév.) Diet. & Ell., Rust. Yazoo.
Puccinia sorghi Schw., Rust. Clay, Hinds, Jefferson, Lauderdale,
 and Yazoo.

PAEONIA

- P. DELICATISSIMA, Peony.
Cladosporium paeoniae Pass., Leaf Mold. Coahoma and Lee.
- P. SP.
Botrytis paeoniae Oud., Blight. Bolivar.
Cladosporium paeoniae Pass., Leaf Mold. Coahoma, Hinds, Oktib-
 beha, and Pike.
Heterodera marioni (Cornu) Goodéy, Root-knot. Lafayette,
 Leflore, and Tunica.
Leptothyrium peronae Br. & Cav., Leaf Spot. Coahoma.

PANICULARIA

- P. NERVATA (Willd.) Kuntze, Nerved Mannagrass.
Eriochloe typhina (P. ex Fr.) Tul. Pontotoc.

PANICUM

- P. AMARUM Ell., Small Seabeach Grass.
Phyllachora graminis (Pers. ex Fr.) Fekl., Black Spot. Washing-
 ton.

PANICUM--cont.

- P. ANCEPS Michx., Beaked or Flatstemmed Panic-grass.
Hypocrella hypoxylon (Pk.) Sacc. Pearl River.
- P. CAPILLARE L., Common Witchgrass.
Puccinia emaculata Schw., Rust. Oktibbeha.
- P. DICHOTOMUM L., Forked Panic-grass.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Noxubee.
- P. HEMITOMUM Schult., Maidencane.
Physalospora oxystoma Sacc. & Ell. Hancock.
- P. PROLIFERUM Lam., Sprouting Panic-grass.
Sorosporium syntherismae (Pk.) Farl., Smut. Oktibbeha.
- P. VIRGATUM L., Switch Grass.
Uromyces graminicola Burr., Rust. Clarke.
- P. SP., Grass.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Oktibbeha.
- P. SP.
Dothichloë atramentosa (Berk. & Curt.) Atk., Black Crust. Jackson.
Ophiodothis atramentosa (Berk. & Curt.) Earle. Jackson.
Sorosporium syntherismae (Pk.) Farl., Smut. Oktibbeha.

PARTHENOCISSUS

- P. QUINQUEFOLIA (L.) Planch., Virginia Creeper.
Cercospora rustula Cke., Leaf Spot. Jones.
Phyllosticta ampelopsidis Ell. & Martin, Leaf Spot. Jackson
 and Leflore.
Phyllosticta labruscae Thuem., Leaf Spot. Bolivar.
Phyllosticta viticola Sacc. & Speg., Leaf Spot. Jackson.
Uncinula necator (Schw.) Burr., Powdery Mildew. DeSoto.
- P. TRICUSPIDATA (Sieb. & Zucc.) Planch., Japanese Creeper.
Phyllosticta ampelopsidis Ell. & Martin, Leaf Spot. Amite.

PASPALUM

- P. DILATATUM Poir., Dallis Grass.
Claviceps paspali Stev. & Hall, Ergot. Marion, Oktibbeha, and
 Yazoo.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Lamar.
- P. URVILLEI Steud., Vasey Grass.
Puccinia levis (Sacc. & Bizz.) Magn., Rust. Lamar.
- P. SP.
Claviceps paspali Stev. & Hall, Ergot. Amite.
Puccinia levis (Sacc. & Bizz.) Magn., Rust. Harrison.

PELARGONIUM

P. SP., Geranium

Cercospora brunckii Ell. & Gall., Leaf Spot. Hinds and Lauderdale.

PENTSTEMON

P. AUSTRALIS Small., Beardtongue.

Puccinia andropogonis Schw., Rust. Oktibbeha.

Septoria pentastemonis Ell. & Ev., Leaf Spot. Oktibbeha.

P. DIGITALIS Nutt., Foxglove Beardtongue.

Septoria pentastemonis Ell. & Ev., Leaf Spot. Hinds.

P. TUBIFLORUS Nutt., Funnel-form Beardtongue

Puccinia andropogonis Schw., Rust. Oktibbeha.

PERSEA

P. BORBONIA (L.) Spreng., Redbay or Sweetbay.

Asterina delitescens Ell. & Martin. Jackson.

Coccoidella scutula (Berk. & Curt.) V. Hoehn. Harrison.

Meliola martiniana Gaill., Sooty Mold. George.

Phyllosticta micropuncta Cke., Leaf Spot. Adams and Jackson.

P. PUBESCENS (Pursh) Sarg., Swamp Bay.

Asterina delitescens Ell. & Martin. Forrest.

Cercospora purpurea Cke., Leaf Spot. Harrison and Lincoln.

Meliola amphitricha Fr., Sooty Mold. Stone.

Meliola martiniana Gaill., Sooty Mold. Lincoln.

PHASEOLUS

P. LUNATUS L., Lima Bean.

Cercospora canescens Ell. & Mart., Leaf Spot. Madison, Oktibbeha, and Pontotoc.

Colletotrichum lindemuthianum (Sacc. & Magn.) Briosi & Cav., Anthracnose. Copiah.

Colletotrichum truncatum (Schw.) Andrus & Moore, Anthracnose. Hinds and Oktibbeha.

Diaporthe phaseolorum (Cke. & Ell.) Sacc., Pod Blight. Clarke and Pearl River.

Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Harrison, Holmes, Humphreys, Issaquena, Lauderdale, Leake, Leflore, Sharkey, Sunflower, Tate, and Washington.

Nematospora phaseoli Wingard, Yeast Spot. Holmes.

Sclerotium rolfsii Sacc., Southern Blight.

Uromyces phaseoli typica Arth., Rust. Yazoo.

P. VULGARIS L., Bean.

Cercospora cruenta Sacc., Leaf Spot. Copiah.

Colletotrichum lindemuthianum (Sacc. & Magn.) Briosi & Cav., Anthracnose. Amite.

PHASEOLUS--cont.

P. VULGARIS--cont.

Corticium vagum Berk. & Curt., Stem Rot. Lauderdale, Panola, and Scott.

Erysiphe polygoni DC., Powdery Mildew.

Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Holmes, Humrheys, Jackson, Kemper, Lauderdale, Leake, Lowndes, Monroe, Neshoba, Newton, Washington, and Wayne.

Isariopsis griseola Sacc., Angular Leaf Spot. Amite.

Macrophomina phaseoli (Maubl.) Ashby, Ashy Stem Blight. Rankin.

Phyllosticta phaseolina Sacc., Leaf Spot. Oktibbeha.

Pseudomonas medicaginis var. phaseolicola (Burkh.) Stapp & Kotte, Halo Blight.

Pythium sp., Stem Tip Blight.

Rhizoctonia microsclerotia Matz., Leaf Blight.

Rhizoctonia solani Kuehn, Stem Canker.

Sclerotium rolfsii Sacc., Southern Blight. Jones and Washington.

Uromyces appendiculatus Fr., Rust.

Uromyces phaseoli typica Arth., Rust. Calhoun, Holmes, Jackson, Lauderdale, Pearl River, and Warren.

Virus, Mosaic.

Xanthomonas phaseoli (E. F. Sm.) Dowson, Bacterial Blight. Oktibbeha.

P. SP., Snap Bean.

Uromyces phaseoli typica Arth., Rust. Hinds, Jackson, and Rankin.

P. SP., Bean.

Amerosporium oeconomicum Ell. & Tracy, Leaf Spot. Harrison.

Cercospora cruenta Sacc., Leaf Spot. Harrison.

Diaporthe phaseolorum (Cke. & Ell.) Sacc., Pod Blight. Jackson.

PHLEUM

P. PRATENSE L., Timothy.

Ustilago striaeformis (West.) Niessl, Smut. Rankin.

PHLOX

P. PANICULATA L., Garden Phlox.

Erysiphe cichoracearum DC., Powdery Mildew. Tippah and Winston.

P. SP.

Cercospora phlogina Pk., Leaf Spot. Bolivar and Coahoma.

Septoria divaricatae Ell. & Ev., Leaf Spot. Prentiss.

Vermicularia phlogina Fairman. Coahoma.

PHOENIX

P. CANARIENSIS Chaub., Canary Date Palm.

Exosporium palmivorum Sacc., Leaf Spot. Claiborne.

Pestalozzia palmicola Sacc. & Syd., Leaf Spot. Jefferson Davis.

PHOENIX--cont.

P. DACTYLIFERA L., Date Palm.

Exosporium palmivorum Sacc., Leaf Spot. Harrison.
Graphiola phoenicis (Moug.) Poit., False Smut. Harrison,
 Jackson, Leake, and Pike.

P. SP.

Exosporium palmivorum Sacc., Leaf Spot. Harrison.

PHRYMA

P. LEPTOSTACHYA L., American Lopseed.

Septoria leptostachyae Ell. & Kell., Leaf Spot. Perry.

PHYLLOSTACHYS

P. SP., Bamboo.

Ustilago shiraiana Hem., Smut. Sharkey.

PHYSALIS

P. LANCEOLATA Michx., Prairie Groundcherry.

Aecidium physalidis Burr., Rust. DeSoto.

P. VIRGINIANA Mill., Virginia Groundcherry.

Entyloma physalidis (Klebh. & Cke.) Wint. Yalobusha.

PINUS

P. CARIBAEA Morelet, Slash Pine.

Coleosporium vernoniae Berk. & Curt., Rust. Harrison.
Cronartium quercuum (Berk.) Miy., Rust. Oktibbeha.
Hypoderma lethale Dearn. Hancock.

P. ECHINATA Mill., Yellow or Shortleaf Pine.

Coleosporium solidaginis (Schw.) Thuem., Rust. Lauderdale.
Hypoderma hedgcockii Dearn., Chickasaw.
Hypoderma lethale Dearn. Marshall.

P. PALUSTRIS Mill., Longleaf Pine.

Coleosporium delicatulum (Arth. & Kerr) Hedgc. & Long, Rust.
 Harrison and Hinds.
Coleosporium elephantopodis (Schw.) Thuem., Rust. George.
Coleosporium ipomoeae (Schw.) Burr., Rust. George and Oktib-
 beha.
Coleosporium vernoniae Berk. & Curt., Rust. Lamar and Oktib-
 beha.
Cryptosporium acicola Thuem. Harrison.
Lophodermium australe Dearn. Harrison.
Stilbospora pinnicola Berk. & Curt. Simpson.

P. TAEDA L., Loblolly Pine.

Coleosporium solidaginis (Schw.) Thuem., Rust. Oktibbeha.
Cronartium quercuum (Berk.) Miy., Rust. Oktibbeha.
Lophodermium australe Dearn. Scott.

PINUS--cont.

P. TAEDA--cont.

Peridermium cerebrum Pk., Rust. Oktibbeha.
Scolecodothis pinicola Miles. Oktibbeha.
Systremma acicola (Dearn.) Wolf & Barbour, Brown Spot.

P. VIRGINIANA Mill., Scrub Pine.

Hypoderma hedgcockii Dearn. Union.

P. SP.

Polyporus schweinitzii Fr., Root Rot. Wilkinson.

PISUM

P. SATIVUM L., Garden Pea.

Ascochyta pinodella Jones, Leaf and Stem Spot.
Ascochyta pisi Lib., Blight. Claiborne, Stone, and Yazoo.
Erysiphe polygoni DC., Powdery Mildew. Adams, Amite, Forrest,
 George, Jackson, Sunflower, and Yazoo.
Peronospora viciae (Berk.) DBy., Downy Mildew. Copiah.
Rhizoctonia sp., Stem Canker.
Septoria pisi Westd., Leaf Spot.

P. SATIVUM var. ARVENSE Poir., Austrian Winter Pea.

Pseudomonas pisi Sackett, Bacterial Blight. Attala and Winston.

P. SP., Pea.

Heterodera marioni (Cornu) Goodey, Root-knot. Holmes, Jasper,
 Leake, Leflore, Neshoba, Sunflower, and Tippah.

PITIOSPORUM

P. SP.

Cercospora sedoides Ell. & Ev., Leaf Spot. Leflore.
Cercospora sp., Leaf Spot. Leflore.
Phyllosticta sp., Leaf Spot. Hinds.

PLANTAGO

P. MAJOR L., Rippleseed Plantain.

Erysiphe cichoracearum DC., Powdery Mildew. Webster.
Peronospora alta Fckl., Downy Mildew. Lafayette.
Ramularia plantaginis Ell. & Martin, Leaf Spot. Yazoo.

PLATANUS

P. OCCIDENTALIS L., Sycamore.

Diatrypella prominens Howe. Marshall.
Eutypella platani (Schw.) Sacc. Clay.
Exosporium platani Otth., Leaf Spot. Oktibbeha.
Gloeosporium nervisequum (Fckl.) Sacc., Leaf Spot. Oktibbeha.
Gnomonia veneta (Sacc. & Speg.) Kleb., Anthracnose. Smith and
 Clarke.

POA

- P. PRATENSIS L., Kentucky Bluegrass.
Erysiphe graminis DC., Powdery Mildew. Oktibbeha.
- P. SP.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Jackson.

PODOPHYLLUM

- P. PELTATUM L., Common Mayapple.
Macrosporium podophylli Ell. & Ev., Leaf Spot. Oktibbeha.
Phyllosticta podophylli (Curt.) Wint., Leaf Spot. Oktibbeha.
Puccinia podophylli Schw., Rust. Lafayette and Wilkinson.
Septoria podophyllina Pk., Leaf Spot. Bolivar, Oktibbeha, and Winston.

POLYGALA

- P. LUTEA L., Yellow Milkwort.
Cercospora grisea Cke. & Ell., Leaf Spot. Stone.
Cercospora minuta Cke. & Ell., Leaf Spot. Stone.

POLYGONUM

- P. ACRE H.B.K., Smartweed.
Puccinia polygoni-amphibii Pers., Rust. Harrison.
Ustilago utriculosa (Nees) Tul., Smut. Sharkey.
- P. CILINCDE Michx., Blackfringe Bindweed.
Ustilago anomala J. Kunze, Smut. Washington.
- P. CRISTATUM (Engelm. & Gray) Small, Crested False Buckwheat.
Puccinia polygoni-amphibii Pers., Rust. Jackson.
- P. ERECTUM L., Erect Knotweed.
Erysiphe cichoracearum DC., Powdery Mildew. Oktibbeha.
Uromyces polygoni (P.) Fckl., Rust. Clay.
- P. HYDROPIPER L., Marshpepper Smartweed.
Septoria polygonorum Desm., Leaf Spot. Tallahatchie.
Sphacelotheca hydropiperis (Schum.) DBy., Smut. Leflore.
- P. HYDROPIPEROIDES Michx., Swamp Smartweed.
Ustilago utriculosa (Nees) Tul., Smut. Holmes.
- P. LAPATHIFOLIUM L., Curltop Ladysthumb.
Ustilago utriculosa (Nees) Tul., Smut. Attala and Sharkey.
- P. PENNSYLVANICUM L., Pennsylvania Smartweed.
Puccinia polygoni-amphibii Pers., Rust. Harrison.
Septoria polygonorum Desm., Leaf Spot. Oktibbeha.
Ustilago utriculosa (Nees) Tul., Smut. Rankin and Winston.
- P. PERSICARIA L., Spotted Ladysthumb.
Puccinia polygoni-amphibii Pers., Rust. Stone.
Septoria polygonorum Desm., Leaf Spot. Stone.

POLYGONUM--cont.

- P. SCANDENS L., Climbing False Buckwheat.
Puccinia polygoni-amphibii Pers., Rust. Lafayette.
- P. SP., Knotweed.
Uromyces polygoni (P.) Fckl., Rust. Clay.
- P. SP.
Septoria polygonorum Desm., Leaf Spot. Carroll.

PONCIRUS

- P. TRIFOLIATA, Trifoliate Orange.
Colletotrichum gloeosporioides Penz., Wither Tip. Jackson.

POPULUS

- P. DELTOIDES Marsh., Eastern Poplar, Cottonwood.
Cylindrosporium oculatum Ell. & Ev., Leaf Spot. Wayne.
Melampsora medusae Thuem., Rust. Choctaw, Clay, and Oktibbeha.
Uredo medusae Arth., Rust. Choctaw.
- P. NIGRA L., Black Poplar.
Marssonía rhabdospora Ell. & Ev., Leaf Spot. Franklin, Panola, and Rankin.
- P. TREMULCIDES Michx., American Aspen.
Marssonía populi (Lib.) Sacc., Leaf Spot. Hancock.
Uncinula salicis (DC.) Wint., Powdery Mildew. Jasper.
- P. SP.
Cytospora nivea Sacc. Harrison.
Melampsora sp., Rust. Washington.

PORTULACA

- P. OLERACEA L., Common Purslane.
Cystopus portulacae (DC.) Lév. Leake.

POTENTILLA

- P. CANADENSIS L., Common Cinquefoil.
Frommea obtusa (Str.) Arth. Lafayette and Oktibbeha.
Taphrina potentillae (Farl.) Johans. Pontotoc.
- P. MONSPELIENSIS L., Rough Cinquefoil.
Mollisia dehnii (Rabh.) Karst. Oktibbeha.

PRENANTHES

- P. ALBA L., White Rattlesnake-Root.
Septoria nabali Berk. & Curt. Oktibbeha.

PRUNELLA

- P. VULGARIS L., Common Selfheal.
Septoria brunellae Ell. & Holw., Leaf Spot. Jefferson Davis.
Sphaerotheca castagnei Lév., Powdery Mildew. Oktibbeha.

PRUNUS

- P. AMERICANA Marsh., American Plum.
Dibotryon morbosum (Schw.) Theiss. & Syd., Black-Knot. Grenada and Oktibbeha.
Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Oktibbeha.
Taphrina mirabilis (Atk.) Gies., Hinds, Jones, and Oktibbeha.
Taphrina pruni (Fckl.) Tul., Plum Pockets. Bolivar and Sunflower.
Tranzschelia pruni-spinosae (Pers.) Diet., Rust. Holmes.
- P. ANGUSTIFOLIA Marsh., Chickasaw Plum.
Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Holmes.
Puccinia pruni-spinosae Pers., Rust. Oktibbeha.
Taphrina mirabilis (Atk.) Gies. Attala and Lauderdale.
- P. ANGUSTIFOLIA WATSONI, Sand Chickasaw Plum.
Cercospora circumscissa Sacc., Shot-hole. Harrison.
- P. CERASUS L., Sour Cherry.
Coccomyces hiemalis Higg., Leaf Spot, Shot-hole. Marion and Marshall.
Phyllosticta prunicola Sacc., Leaf Spot. Grenada.
Podosphaera oxycanthae (DC.) DBy., Powdery Mildew. Greene.
Puccinia pruni-spinosae Pers., Rust. Lauderdale and Oktibbeha.
Tranzschelia pruni-spinosae (Pers.) Diet., Rust. Lauderdale.
- P. DEMISSA (Nutt.) Walp., Chokecherry.
Diplodina pruni Ell. & Barth. Pearl River.
- P. DOMESTICA L., Garden Plum.
Cercospora cerasella Sacc., Leaf Spot. Harrison and Oktibbeha.
Coccomyces hiemalis Higg., Leaf Spot, Shot-hole. Newton.
Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Jackson.
- P. LAUROCERASUS L., Common Laurelcherry.
Coccomyces lutescens Higg., Leaf Spot. Coahoma.
Cylindrosporium padi Karst., Leaf Spot. Coahoma.
Xanthomonas pruni (E. F. Sm.) Dowson, Black Spot. Yazoo.
- P. PERSICA (L.) Batsch, Peach.
Agrobacterium tumefaciens (E. F. Sm. & Town.) Conn., Crown Gall. Holmes.
Cercospora circumscissa Sacc., Shot-hole. Harrison.
Cercospora persicae Sacc., Leaf Spot. Marion.
Cercospora persicae Sacc., Frosty Mildew. Marion, Marshall, and Pontotoc.
Cladosporium carpophilum Thuem., Scab. Clarke and Sunflower.
Coryneum beyerinckii Oud., Blight. Lauderdale and Smith.
Heterodera marioni (Cornu) Goodey, Root-knot. Chickasaw, Jones, Lauderdale, Leflore, Lincoln, Monroe, Pike, Union, and Wayne.
Phytomonas pruni (E. F. Smith) Berget et al., Shot Hole.

PRUNUS--cont.

P. PERSICA--cont.

Pseudomonas pruni E. F. Sm., Bacterial Spot. Forrest.

Puccinia pruni-spinosae Pers., Rust. Harrison, Newton, and Oktibbeha.

Sclerotinia fructicola (Wint.) Rehm., Brown Rot.

Septobasidium pseudopedicellatum Burt., Girdle and Canker. George.

Taphrina deformans (Fcl.) Tul., Leaf Curl. Alcorn, Bolivar. Marshall, Monroe, Pontotoc, Prentiss, and Tishomingo.

Tranzschelia pruni-spinosae (Pers.) Diet., Rust.

Tranzschelia punctata Arth., Rust. Coahoma and Marion.

Valsa leucostoma (Pers.) Fr., Die-back. Lincoln and Sunflower.

Xanthomonas pruni (E. F. Sm.) Dowson, Black Spot. Lincoln and Washington.

P. SEROTINA Ehrh., Black Cherry.

Cylindrosporium lutescens Higg., Leaf Spot. Oktibbeha.

Cylindrosporium padi Karst., Leaf Spot. Leake.

Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Oktibbeha.

Leptothyrium cinctum Cke. Stone.

Phyllosticta serotina Cke., Leaf Spot. Harrison, Newton, Oktibbeha, and Tate.

Sclerotinia fructicola (Wint.) Rehm., Brown Rot. Sunflower.

Taphrina deformans (Fcl.) Tul., Leaf Curl. Newton.

P. SIMONII Carr., Apricot Plum.

Puccinia pruni-spinosae Pers., Rust. Bolivar.

P. SPINOSA L., Blackthorn.

Puccinia pruni-spinosae Pers., Rust. Lauderdale.

P. SP., Apricot.

Tranzschelia pruni-spinosae (Pers.) Diet., Rust. Jones.

P. SP., Cherry.

Cylindrosporium padi Karst., Leaf Spot. Marshall and Noxubee.

Podospheera oxyacanthae (DC.) DBy., Powdery Mildew. Marion.

Puccinia pruni-spinosae Pers., Rust. Sunflower.

P. SP., Plum.

Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Leake.

Puccinia pruni-spinosae Pers., Rust. Hinds.

Sclerotinia fructicola (Wint.) Rehm., Brown Rot.

Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Jackson.

Tranzschelia pruni-spinosae (Pers.) Diet., Rust.

Xanthomonas pruni (E. F. Sm.) Dowson, Black Spot. Pearl River.

P. SP., Green Gage Plum

Coccomyces prunophorae Higg., Shot-hole, Leaf Spot. Marion and Oktibbeha.

PRUNUS--cont.

- P. SP., Japanese Plum.
Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Lawrence and Lee.
- P. SP., Wild Cherry.
Coccomyces hiemalis Higg., Leaf Spot, Shot-hole. Hinds.
- P. SP.
Coccomyces hiemalis Higg., Leaf Spot, Shot-hole. Calhoun and Itawanba.
Taphrina pruni (Fckl.) Tul., Plum Pockets. Attala.
Taphrina sp., Oktibbeha.

PTERIDIUM

- P. AQUILINUM (L.) Kuhn., Bracken.
Cryptomyces pteridis (Reb. ex Fr.) Rehm. Copiah and Forrest.
Uredinopsis macrosperma (Cke.) Magn., Rust. Jackson.

PTERIS

- P. CRETICA L., Fern.
Phyllosticta pteridis Halst., Leaf Spot.
- P. SP.
Uredo pteridis Diet. & Holw., Rust. Jackson.

PUERARIA

- P. THUNBERGIANA (Sieb. & Zucc.) Benth., Kudzu
Bacterium puerariae Hedges, Halo Blight. State-wide.
Cercospora pueraricola Yamamoto. Carroll, Marshall, Newton, and Union.
Heterodera marioni (Cornu) Goodey, Root-knot. Kemper and Lauderdale.
Pseudomonas medicaginis var. phaseolicola (Burkh.) Stapp & Kotte, Halo Blight.
Rhizoctonia microsclerotia Matz, Leaf Blight.

PUNICA

- P. SP., Pomegranate.
Heterodera marioni (Cornu) Goodey, Root-knot. Yazoo.

PYRRHOPAPPUS

- P. CAROLINIANUS (Walt.) DC., Leafy-stem False Dandelion.
Puccinia hieracii (Schum.) Mart., Rust. Hinds, Stone, and Washington.
Puccinia pyrrhopappi Syd., Rust. Washington.

PYRUS

- P. COMMUNIS L., Common Pear.
Armillaria mellea Vahl. ex Fries, Root Rot.

PYRUS--cont.

P. COMMUNIS--cont.

Bacillus amylovorus (Burr.) DeT., Fire Blight. Benton, Harrison, and Pearl River.

Cercospora minima Tracy & Earle, Leaf Spot.

Corticium salmonicolor Berk. & Br., Twig Blight.

Entomosporium maculatum Lév., Leaf Blight.

Fabraea maculata (Lév.) Atk., Leaf Blight. Hinds.

Gloeosporium perennans Zeller & Childs, Perennial Canker. Oktibbeha.

Heterodera marioni (Cornu) Goodey, Root-knot.

Phyllosticta pyrorum Cke., Leaf Spot. Pearl River.

Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Pike.

Septoria piricola Desm., Leaf Spot. Lauderdale.

P. SINENSIS Lindl., Sand Pear.

Corticium stevensii Burt, Leaf Blight. Harrison.

Fabraea maculata (Lév.) Atk., Leaf Blight. George and Harrison.

Mycosphaerella sentina (Fr.) Schroet., Leaf Soot. Harrison, Jackson, Lee, and Pearl River.

Phyalospora cydoniae Arnaud, Black Rot, Canker, Leaf Spot.

Hancock, Harrison, Lawrence, and Webster.

Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Forrest,

George, Greene, Harrison, and Jackson.

Septoria piricola Desm., Leaf Spot. Harrison.

P. SP.

Fabraea maculata (Lév.) Atk., Leaf Blight. Amite.

QUAMOCUIT

Q. PENNATA, Cypressvine.

Coleosporium ipomoeae (Schw.) Burr., Rust. Coahoma and Oktibbeha.

QUERCUS

Q. ALBA L., White Oak.

Diaporthe leiphaemia (Fr.) Sacc. Covington.

Gloeosporium canadense Ell. & Ev., Leaf Spot. Scott.

Marssonina martini Sacc. & Ell., Leaf Spot. Lafayette.

Microsphaera quercina (Schw.) Burr., Powdery Mildew. Oktibbeha.

Q. CINEREA Michx., Bluejack Oak.

Meliola manca Ell. & Martin, Sooty Mold. Jackson.

Q. COCCINEA Muench., Scarlet Oak.

Microsphaera alni (DC.) Wint., Powdery Mildew. Lawrence.

Q. FALCATA Michx., Spanish Oak.

Leptothyrium dryinum Sacc., Leaf Spot. Perry.

QUERCUS--cont.

- Q. LAURIFOLIA Michx., Laurel Oak.
Trabutia quercina (Rud.) Sacc. & Roum. Jackson.
- Q. MACROCARPA Michx., Bur Oak.
Ceratophorum uncinatum (Clint.) Sacc. Clarke.
Marssonina martini Sacc. & Ell., Leaf Spot. Pearl River.
- Q. MARILANDICA Muench., Blackjack Oak.
Cronartium quercuum (Berk.) Miy., Rust. Lafayette.
Marssonina martini Sacc. & Ell., Leaf Spot. Oktibbeha.
Taphrina coerulescens (Desm. & Mont.) Tul., Leaf Curl, Leaf Blister. Oktibbeha.
- Q. MUHLENBERGII Engelm., Yellow Oak.
Marssonina quercus Pk., Leaf Spot. Clarke.
- Q. MYRTIFOLIA Willd., Myrtle Oak.
Trabutia quercina (Rud.) Sacc. & Roum. Cat Island.
- Q. NIGRA L., Water Oak.
Taphrina coerulescens (Desm. & Mont.) Tul., Leaf Curl, Leaf Blister. Copiah, George, Harrison, and Jackson.
Trabutia quercina (Rud.) Sacc. & Roum. Harrison.
- Q. PRINOIDES Willd., Dwarf Chestnut Oak.
Marssonina martini Sacc. & Ell., Leaf Spot. Oktibbeha.
Microsphaera quercina (Schw.) Burr., Powdery Mildew. DeSoto.
- Q. PRINUS L., Rock Chestnut Oak.
Marssonina martini Sacc. & Ell., Leaf Spot. Wayne.
- Q. RUBRA L., Red Oak.
Gloeosporium nervisequum (Fckl.) Sacc., Leaf Spot. Union.
- Q. STELLATA Wang., Post Oak.
Leptothyrium dryinum Sacc., Leaf Spot. George.
Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Oktibbeha.
- Q. VELUTINA Lam., Black Oak.
Microsphaera densissima (Schw.) Cke. & Pk., Powdery Mildew. Oktibbeha.
Valsa lutescens Ell. Benton.
- Q. VIRGINIANA Mill., Live Oak.
Cronartium quercuum (Berk.) Miy., Rust. Harrison.
Meliola manca Ell. & Martin, Sooty Mold. Jackson.
Polyporus gilvus Fr. Harrison.
Trabutia quercina (Rud.) Sacc. & Roum. Harrison and Jackson.
- Q. SP., Turkey Oak.
Taphrina sp. Noxubee

QUERCUS--cont.

Q. SP.

- Ascomycetella quercina Pk. Simpson.
Coccomyces dentatus (Schw. ex Fr.) Sacc., Leaf Spot. Choctaw.
Diatrype albopruinosa (Schw.) Cke. & Ell. Madison.
Hypoderma ilicinum DeN. Winston.
Hypoxydon annulatum (Schw.) Mont. Jasper and Scott.
Hypoxydon atropunctatum (Schw. ex Fr.) Cke. Adams.
Hypoxydon malleolus Berk. & Rav. Oktibbeha.
Hypoxydon punctulatum Berk. & Rav. Madison.
Marssonina martini Sacc. & Ell., Leaf Spot. Oktibbeha.
Monochaetia desmazierii Sacc., Leaf Spot. Leake.
Nummularia punctulata (Berk. & Rav.) Sacc., Canker. Monroe.
Polyporus cinnabarinus (Jacq.) Fr. Newton.
Polyporus fumosus (Pers.) Fr. Pike.
Polyporus hirsutus (Wulf.) Fr. Holmes.
Poria rufa Schrad. var. lilacina Rab. Coahoma.
Septobasidium pedicellatum (Schw.) Pat., Canker. Simpson.
Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Jones.
Septoria neglecta Earle, Leaf Spot. Jackson.
Taphrina coerulescens (Desm. & Mont.) Tul., Leaf Curl, Leaf
 Blister. Harrison, Jackson, and Pearl River.
Xylaria hypoxydon (L.) Grev. Adams.

RANUNCULUS

- R. ABORTIVUS L., Littleleaf Buttercup.
Dicacoma eatoniae Arth., Rust. Oktibbeha.
Erysiphe communis (Wallr.) Fr., Powdery Mildew. Oktibbeha.
Puccinia eatoniae Arth., Rust. George and Oktibbeha.
 R. SEPTENTRIONALIS Poir., Swamp Buttercup.
Didymaria ungeri Sacc., Leaf Spot. Oktibbeha.
Ramularia ranunculi Pk., Leaf Spot. Calhoun.

RAPHANUS

- R. SATIVUS L., Garden Radish.
Peronospora parasitica (Pers.) DBy., Downy Mildew. Jackson.
 R. SP., Radish.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala.

RESEDA

- R. ODORATA L., Common Mignonette.
Cercospora resedae Fckl., Leaf Spot. Greene and Marion.

RHEUM

- R. RHAPONTICUM L., Garden Rhubarb.
Phyllosticta rhei Ell. & Ev., Leaf Spot. Stone.

RHEXIA

- R. MARIANA L., Maryland Meadowbeauty.
Cercospora erythrogena Atk., Leaf Spot. Harrison.

RHODODENDRON

- R. INDICUM Sweet., Indica Azalea.
Exobasidium azaleae Pk., Leaf Gall. Pike.
- R. VISCOSUM (L.) Torr., Swamp Azalea.
Exobasidium vaccinii (Fckl.) Wor., Leaf Gall. Perry.
Ramularia angustata Pk., Leaf Spot. Perry.
- R. SP., Azalea.
Colletotrichum sp., Anthracnose. Copiah.
Exobasidium azaleae Pk., Leaf Gall. Adams, Lauderdale,
 Lefflore, Marion, and Washington.
Exobasidium vaccinii (Fckl.) Wor., Leaf Gall. Copiah, George,
 and Wayne.

RHUS

- R. COPALLINA L., Dwarf Black Sumac.
Taohrina nurpurascens (Ell. & Ev.) Robinson. Yazoo.
- R. GLABRA L., Smooth Sumac.
Cercospora rhoina Cke. & Ell., Leaf Spot. Harrison and Holmes.
- R. TOXICODENDRON L., Poison-Ivy.
Cylindrosporium toxicodendri (Curt.) Ell. & Ev., Leaf Spot.
 Oktibbeha.
Discosia artocreas Tode ex Fr., Leaf Spot. Pearl River.
Phyllosticta rhoicola Ell. & Ev., Leaf Spot. George.
Phyllosticta toxica Ell. & Martin, Leaf Spot. George.
Pileolaria toxicodendri (Berk. & Rav.) Arth. Adams, Harrison,
 and Oktibbeha.
Podosporium rigidum Schw. Oktibbeha.
- R. TYPHINA L., Staghorn Sumac.
Cladosporium nervale Ell. & Dearn., Leaf Mold. Forrest.
Septoria rhoina Berk. & Curt., Leaf Spot. Lincoln.

RHYNCHOSIA

- R. ERECTA DC., Erect Rhynchosia.
Parodiella perisporioides (Berk. & Curt.) Speg., Black Spot.
 Jones and Rankin.
Phyllosticta rhynchosiae Miles, Leaf Spot. Marion.

RIBES

- R. ODORATUM Wendl., Clove Currant.
Puccinia carici (Schum.) Schroet., Rust. Hinds.
- R. TRISTE Pall., American Red Currant.
Cercospora ribicola Ell. & Ev., Leaf Spot. Warren.

RIBES--cont.

- R. VULGARE Lam., Red Garden Currant.
Septoria ribis Desm., Leaf Spot. Lawrence.
- R. SP.
Dothidella ribesia (Pers.) Theiss. & Syd. Tippah.

ROBINIA

- R. PSEUDOACACIA L., Black Locust.
Camarosporium robiniae (West) Sacc. Sunflower.
Melanconium viscosum Sebu., Canker. Copiah.

RORIPA

- R. ARMORACIA (L.) A. Hitchc., Horseradish.
Ramularia armoraciae Fckl., Leaf Spot. Stone.

ROSA

- R. CAROLINA L., Wild Rose.
Phragmidium speciosum (Fr.) Cke., Rust. Lafayette and Oktibbeha.
- R. VIRGINIANA Mill., Virginia Rose.
Phragmidium speciosum (Fr.) Cke., Rust. Oktibbeha.
- R. SP., Rose.
Cercospora rosicola Pass., Leaf Spot. Amite, Claiborne, Clarke, Coahoma, Copiah, George, Noxubee, Oktibbeha, and Yalobusha.
Cladosporium fuscum Lk., Leaf Spot. Lauderdale.
Coniothyrium fuckelii Sacc., Stem Canker. Leake, Scott, and Sharkey.
Coniothyrium wernsdorffiae Laub. Oktibbeha.
Diplocarpon rosae Wolf., Black Spot. Coahoma, Greene, Hancock, Lauderdale, Monroe, Neshoba, and Oktibbeha.
Heterodera marioni (Cornu) Goodey, Root-knot. Washington.
Pestalozzia suffocata Ell. & Ev., Leaf Spot. Simpson.
- R. SP.
Diaporthe umbrina Jenk., Canker. Oktibbeha.
Gloeosporium rosae Halst., Twig Blight. Coahoma and Jones.
Sclerotinia sp., Blight. Holmes.
Sphaerotheca humuli (DC.) Burr., Powdery Mildew. Hinds and Coahoma.
Sphaerotheca pannosa (Wallr.) Lev., Powdery Mildew. Hinds, Jones, Madison, and Wilkinson.

RUBUS

- R. ALLEGHENIENSIS Porter, Mountain Blackberry.
Plectodiscella veneta Burk., Anthracnose. Covington.
- R. IDAEUS var. STRIGOSUS Maxim., Wild Red Raspberry.
Plectodiscella veneta Burk., Anthracnose. Lowndes.

RUBUS--cont.

- R. OCCIDENTALIS L., Black Raspberry.
Cylindrosporium rubi Ell. & Morg., Leaf Spot. Tallahatchie.
Gymnoconia interstitialis Lagerh., Rust. Lauderdale.
- R. PROCUMBENS Muhl., Dewberry.
Gloeosporium rubi Ell. & Ev., Anthracnose. Oktibbeha.
Gymnoconia interstitialis Lagerh., Rust. Harrison, Jackson, and Oktibbeha.
Gymnoconia peckiana (Howe) Trott., Rust. Harrison and Oktibbeha.
Kuehneola uredinis (Link.) Arth., Rust. Alcorn, Covington, and Oktibbeha.
Kunkelia nitens (Schw.) Arth., Rust. Oktibbeha.
Septoria rubi West., Leaf Spot. Oktibbeha.
- R. TRIVIALIS Michx., Low Bush Blackberry, Southern Dewberry.
Cercospora rubi Sacc., Blotch. Oktibbeha.
Kuehneola uredinis (Link.) Arth., Rust. Harrison.
Plectodiscella veneta Burk., Anthracnose. Webster.
Septoria rubi West., Leaf Spot. Oktibbeha.
- R. SP., Blackberry.
Gymnoconia interstitialis Lagerh., Rust. Washington.
Gymnoconia peckiana (Howe) Trott., Rust. Oktibbeha.
- R. SP., Boysenberry.
Agrobacterium tumefaciens (E. F. Sm. & Town.) Conn., Crown Gall. Oktibbeha.
Mycosphaerella rubi Roark, Leaf Spot. Chickasaw.
- R. SP., Dewberry.
Cercospora rubi Sacc., Blotch. Hinds, Lee, and Oktibbeha.
- R. SP., Raspberry.
Leptosphaeria coniothyrium (Fckl.) Sacc., Cane Blight. Noxubee.
Mycosphaerella rubi Roark, Leaf Spot. Monroe.
Phragmidium imitans Arth., Rust. Copiah.
Phragmidium rubi-idaei (Pers.) Wint., Rust. Copiah.
- R. SP., Youngberry.
Fusarium rubi Wint., Double Blossom. Harrison and Hinds.
Leptosphaeria coniothyrium (Fckl.) Sacc., Cane Blight. Harrison, Noxubee, Oktibbeha, and Perry.
- R. SP.
Kuehneola uredinis (Link.) Arth., Rust. Jackson.
Kunkelia nitens (Schw.) Arth., Rust. Copiah.
Plectodiscella veneta Burk., Anthracnose. Lafayette.

RUDBECKIA

R. LACINIATA L., Tall Coneflower.

Uromyces perigynius Hals., Rust. Oktibbeha.Uromyces rudbeckiae Arth. & Holw., Rust. Oktibbeha.

R. TRILOBA L., Thinleaved Coneflower.

Septoria rudbeckiae Ell. & Hals., Leaf Spot. Lafayette.

RUELLIA

R. STREPENS L., Limestone Ruellia

Puccinia lateripes Berk. & Rav., Rust. Harrison.Puccinia ruelliae (Berk. & Br.) Lagerh., Rust. Harrison.

RUMEX

R. CRISPUS L., Curly Dock.

Ovularia obliqua (Cke.) Oud., Leaf Spot. Calhoun.Ramularia occidentalis Ell. & Kell., Leaf Spot. Oktibbeha.

R. OBTUSIFOLIUS L., Bitter Dock.

Ramularia circumfusa Ell. & Ev., Leaf Spot. Newton.

RYNCHOSPORA

R. FASCICULARIS (Michx.) Vahl, Fasciculate Beaked Rush.

Uromyces rhynchosporae Ell., Rust. Hinds.

R. GLOMERATA (L.) Vahl, Clustered Beaked Rush.

Uromyces rhynchosporae Ell., Rust. Lowndes.

SABAL

S. MINOR Pers., Dwarf Palmetto.

Meliola amphitricha Fr., Sooty Mold. Pearl River.

S. PALMETTO Lodd., Cabbage Palmetto.

Meliola amphitricha Fr., Sooty Mold. Harrison.Meliola palmicola Wint., Sooty Mold. Jackson.

SACCHARUM

S. OFFICINARUM L., Sugarcane.

Colletotrichum falcatum Went., Red Rot. Jackson.Gloeocercospora sorghi Bain & Edgerton, Zonate Leaf Spot.

Lauderdale and Pearl River.

Gnomonia iliaui Edg., Stem Rot. Franklin and Yazoo.Melanconium sacchari Mass., Rind Disease. Leake.Sclerotium rolfsii Sacc., Southern Blight. Adams and Jackson.Virus, Mosaic.

SAGITTARIA

S. LATIFOLIA Willd., Broadleaved Arrowhead.

Cercospora sagittariae Ell. & Kell., Leaf Spot. Tallahatchie.

SALIX

- S. CORDATA Muhl., Heartleaved Willow.
Rhytisma salicinum (P.) Fr., Tar Spot. Monroe.
- S. DISCOLOR Muhl., Pussywillow.
Botryosphaeria ribis Gross. & Dugg. var. chromogena Shear.
 Coahoma and Forrest.
Cercospora salicina Ell. & Ev., Leaf Spot. Leflore.
- S. INTERIOR Rowlee, Sandbar Willow.
Melampsora abietis-caprearum Tub., Rust. Jones.
Melampsora americana Arth., Rust. Jones.
- S. NIGRA Marsh., Black Willow.
Darluca filum (Biv.) Cast. (parasitic on Melampsora bigelowii Thuem.). Oktibbeha.
Melampsora bigelowii Thuem., Rust. Oktibbeha.
Rhytisma salicinum (P.) Fr., Tar Spot. Webster.
Uredo bigelowii Arth., Rust. Oktibbeha.
- S. SP., Willow.
Heterodera marioni (Cornu) Goodey, Root-knot. Lauderdale.
Uncinula salicis (DC.) Wint., Powdery Mildew. Oktibbeha.
- S. SP.
Cercospora salicina Ell. & Ev., Leaf Spot. Jones.
Diatrypella pulcherrima Ell. & Ev. Clarke.
Discella carbonacea (Fr.) Berk. & Br. Greene.
Discula brenckleana (Sacc. & Syd.) Petrak. Humphreys.
Trimmatostroma americanum Thuem. Benton.

SAMBUCUS

- S. CANADENSIS L., American Elder.
Cercospora catenosporea Atk., Leaf Spot. Coahoma.
Cercospora depazeoides (Desm.) Sacc., Leaf Spot. Coahoma and Stone.
Cytospora sambucina Ell. & Bart.
Gloeosporium tineum Sacc., Leaf Spot. Jones.
Haplosporella seriata Ell. & Ev. Webster.
Puccinia bolleyana Sacc., Rust. Harrison and Madison.
Ramularia sambucina Sacc., Leaf Spot. Jackson.
- S. NIGRA L., European Elder.
Cercospora catenosporea Atk., Leaf Spot. Pearl River.
Cercospora depazeoides (Desm.) Sacc., Leaf Spot. Pearl River.

SANICULA

- S. CANADENSIS L., Shortstyled Snakeroot.
Synchytrium pluriannulatum (Curt.) Farl. Oktibbeha.
- S. MARILANDICA L., Black Snakeroot.
Synchytrium pluriannulatum (Curt.) Farl. Oktibbeha.

SASSAFRAS

- S. ALBIDUM (Nutt.) Nees, Common Sassafras.
Diplodia sassafras Tracy & Earle. Noxubee and Oktibbeha.

SAURURUS

S. CERNUUS L., Common Lizardstail.

Cercospora saururi Ell. & Ev., Leaf Spot. Rankin.

SCIRPUS

S. CYPERINUS (L.) Kunth., Woolgrass Bulrush.

Puccinia angustata Pk., Rust. Kemper and Oktibbeha.

S. SP.

Hypoderma scirpinum DC. Holmes.

SCLERIA

S. TRIGLOMERATA Michx., Tall Nutrush.

Phyllachora scleriicola Miles, Leaf Spot. George.

SCROPHULARIA

S. MARILANDICA L., Maryland Figwort.

Septoria scrophulariae Pk., Leaf Spot. Lee.

SCUTELLARIA

S. INCANA Muhl., Downy Skullcap.

• Cercospora scutellariae Ell. & Ev., Leaf Spot. Lafayette.

S. VERSICOLA Nutt., Heartleaved Skullcap.

Septoria scutellariae Thuem., Leaf Spot. Hancock.

SEBASTIANA

S. LIGUSTRINA (Michx.) Muell. Arg., Sebastian Bush.

Uromyces graminicola Burr., Rust. Stone.

SECALE

S. CEREALE L., Rye.

Colletotrichum graminicolum (Ges.) G. W. Wils., Anthracnose.
Oktibbeha.

Puccinia rubigo-vera (DC.) Wint., Rust. Oktibbeha.

SETARIA

S. GLAUCA (L.) Beauv., Pigeongrass.

Ustilago neglecta Niessl, Smut. Calhoun and Oktibbeha.

S. ITALICA (L.) Beauv., Foxtail Millet.

Piricularia grisea (Cke.) Sacc. Adams.

S. SP.

Sclerospora graminicola (Sacc.) Schr., Downy Mildew. Clay.

SICYOS

S. ANGULATUS L., Oneseeded Bur-Cucumber.

Peronospora australis Speg., Downy Mildew.

SIDA

- S. SPINOSA L., Prickly Sida.
Puccinia heterospora Berk. & Curt., Rust. Lincoln and Oktibbeha.
- S. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. George.

SILPHIUM

- S. ASPERRIMUM Hook., Rosinweed.
Coleosporium terebinthinaceae (Schw.) Arth., Rust. Oktibbeha.
- S. INTEGRIFOLIUM Michx., Entire-leaved Rosinwood.
Cercospora silphii Ell. & Ev., Leaf Spot. DeSoto.
Puccinia silphii Schw., Rust. Lafayette and Oktibbeha.
- S. PERFOLIATUM L., Cup-plant.
Puccinia silphii Schw., Rust. Pearl River.

SIUM

- S. CUCUTAEFOLIUM Schrank., Water Parsnip.
Cercospora sii Ell. & Ev., Leaf Spot. Yazoo.

SMILACINA

- S. RACEMOSA (L.) Desf., Feather Solomonplume.
Septoria smilacinae Ell. & Mart., Leaf Spot. Choctaw.
- S. STELLATA Desf., Starry Solomonplume.
Phyllosticta convallariae P. ex Seaver, Leaf Spot. Greene.

SMILAX

- S. GLAUCA Walt., Glauous-leaved Greenbrier.
Cercospora mississippiensis Tracy & Earle, Leaf Spot. Coahoma.
Cercospora smilacis Thuem., Leaf Spot. Coahoma.
Puccinia smilacis Schw., Rust. Stone.
- S. HISPIDA Muhl., Bristly Greenbrier.
Discosia smilacina DeN., Leaf Spot. Wayne.
- S. LAURIFOLIA L., Laurel-leaved Greenbrier.
Cercospora smilacis Thuem., Leaf Spot. DeSoto and Pearl River.
Pestalozzia funerea Desm., Leaf Spot. Amite.
- S. SP.
Cercospora mississippiensis Tracy & Earle, Leaf Spot. Coahoma.
Cercospora smilacis Thuem., Leaf Spot. Hinds and Issaquena.
Coniothyrium fuckelii Sacc., Stem Canker. Oktibbeha.
Dicaeoma smilacis Ktze., Rust. Stone.
Puccinia smilacis Schw., Rust. Jackson and Oktibbeha.
Ramularia subrufa Ell. & Holw., Leaf Spot. Oktibbeha.

SOJA

- S. MAX (L.) Piper, Soybean.
Bacterium sojae Wolf, Bacterial Blight.

SOJA--cont.

S. MAX--cont.

- Cercospora cruenta Sacc., Leaf Spot. Oktibbeha.
Cercospora daizu Miura, Frog-eye. Itawamba, Lafayette, Pearl River, Scott, and Walthall.
Diaporthe sojae Lehman, Pod Blight.
Peronospora manshurica (Naoum.) Syd., (Peronospora sojae Lehman & Wolf) Downy Mildew. Attala.
Phytomonas tabaci (Wolf & Foster) Bergey et al., Wildfire.
Pseudomonas glycinea (Coerper) Stapp, Bacterial Blight. Jasper and Oktibbeha.
Sclerotium bataticola Taub., Southern Blight. Lincoln and Washington.
Sclerotium rolfsii Sacc., Southern Blight.
Septoria glycines Hemm., Leaf Spot. Lauderdale.
Virus, Mosaic. Oktibbeha.
Xanthomonas phaseoli var. sojense (Hed.) Starr & Burk. Bacterial Pustule. DeSoto and Quitman.

SOLANUM

- S. MELONGENA L., Eggplant.
Cuscuta sp., Dodder, Love Vine. Marshall.
Heterodera marioni (Cornu) Goodey, Root-knot. Holmes, Issaquena, Leflore, Monroe, Sunflower, Tate, and Washington.
Phomopsis vexans (Sacc. & Syd.) Hart., Leaf Spot, Fruit Rot. Monroe.
Sclerotium rolfsii Sacc., Southern Blight.
- S. TUBEROSUM L., Potato.
Alternaria solani (Ell. & Mart.) Jones & Grout, Early Blight. Clarke, Hinds, Oktibbeha, and Yazoo.
Cercospora concors (Casp.) Sacc., Leaf Blotch. Rankin.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Copiah, Harrison, Holmes, and Marshall.
Phytophthora infestans (Mont.) DBy., Late Blight. Covington, Jackson, Marion, Oktibbeha, and Washington.
Sclerotium rolfsii Sacc., Southern Blight.
Virus, Rugose Mosaic.

SOLIDAGO

- S. CANADENSIS L., Canada Goldenrod.
Coleosporium solidaginis (Schw.) Thuem., Rust. Lafayette and Marion.
Puccinia asteris Duby, Rust. Oktibbeha.
Puccinia asterum Kern, Rust. Oktibbeha.
Puccinia extensicola Plowr., Rust. Oktibbeha.
- S. FISTULOSA Mill., Pine Barren Goldenrod.
Coleosporium solidaginis (Schw.) Thuem., Rust. George and Oktibbeha.

SOLIDAGO--cont.

S. SP.

Coleosporium solidaginis (Schw.) Thuem., Rust. George and Oktibbeha.

Dothidea solidaginis (Schw.) Fr. Attala.

Erysiphe cichoracearum DC., Powdery Mildew. Oktibbeha.

Uromyces solidaginis (Sommerf.) Niessl., Rust. Oktibbeha.

SORGHASTRUM

S. NUTANS (L.) Nash, Yellow Indiangrass.

Cerebella andropogonis Ces., False Smut. Sharkey.

Puccinia virgata Ell. & Ev., Rust. Harrison and Noxubee.

SORGHUM

S. HALEPENSE (L.) Pers., Johnson Grass.

Ascochyta sorghina Sacc. Oktibbeha.

Colletotrichum falcatum Went., Red Rot. Oktibbeha and Prentiss.

Puccinia purpurea Cke., Rust. Oktibbeha.

S. SACCHARATUM (L.) Moench, Sorgho.

Sphacelotheca sorghi (Link) Clint., Covered Kernel Smut.
Oktibbeha.

S. VULGARE Pers., Sorghum.

Ascochyta sorghina Sacc., Leaf Spot.

Cercospora sorghi Ell. & Ev., Leaf Spot.

Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose and
Red Rot.

Gloeocercospora sorghi Bain & Edgerton, Zonate Leaf Spot.
Lauderdale and Pearl River.

Phoma insidiosa F. Tassi. Marshall.

Pseudomonas andropogoni (E. F. Sm.) Stapp. Bacterial Stripe.

Puccinia purpurea Cke., Rust.

Sphacelotheca sorghi (Link.) Clint., Covered Kernel Smut.
Lawrence, Oktibbeha, Pearl River, and Rankin.

Titaeospora andropogonis (Miura) Tai, Sooty Stripe.

S. VULGARE var. TECHNICUM (Koern.) Jav., Broom corn.

Colletotrichum lineola Cka., Anthracnose. Jasper.

S. SP.

Ascochyta sorghina Sacc. Oktibbeha.

SPARTINA

S. CYNOSUROIDES (L.) Roth., Salt Reedgrass.

Dicaeoma cephalanthi Jacks., Rust. Harrison.

Puccinia peridermicospora (Ell. & Tracy) Arth., Rust. Choctaw
and Jackson.

Puccinia seymouriana Arth., Rust. Choctaw.

SPARTINA--cont.

- S. MICHAUXIANA Hitchc., Tall Marshgrass.
Puccinia peridermiospora (Ell. & Tracy) Arth., Rust. Harrison.
Puccinia seymouriana Arth., Rust. Choctaw.

SPECULARIA

- S. PERFOLIATA (L.) A. DC., Claspig Venus' Lookingglass.
Septoria speculariae Berk. & Curt., Leaf Spot. Madison,
 Lowndes, and Oktibbeha.

SPHENOPHOLIS

- S. NITIDA (Spreng.) Scribn., Slender Eaton's-grass.
Puccinia eatoniae Arth., Rust. Oktibbeha.
- S. OBTUSATA (Michx.) Scribn., Prairie Wedgescale.
Puccinia eatoniae Arth., Rust. Harrison.
- S. SP.
Epichloe typhina (P. ex Fr.) Tul. Perry.

SPINACIA

- S. OLERACEA L., Spinach.
Colletotrichum spinaciae Ell. & Halst., Anthracnose. Jones.

SPIRAEA

- S. SP., Spirea
Heterodera marioni (Cornu) Goodey, Root-knot. Holmes and
 Lamar.

SPOROBOLUS

- S. INDICUS (L.) R. Br., Smutgrass.
Helminthosporium ravenelii M. A. Curtis, Leaf Spot. Marion and
 Rankin.
Ophiodothis atramentosa (Berk. & Curt.) Earle. Jackson.
- S. ASPER (Michx.) Kunth., Tall Dropseed.
Puccinia verbenicola Arth., Rust. Jackson.
Puccinia vilfae Arth. & Holw., Rust. Jackson.

STACHYS

- S. PALUSTRIS L., Hedge Nettle.
Septoria stachydis Rob. & Desm., Leaf Spot. Lafayette.

STEIRONEIA

- S. CILIATUM (L.) Raf., Fringed Loosestrife.
Septoria conspicua Ell. & Martin, Leaf Spot. Choctaw.

STELLARIA

- S. MEDIA (L.) Cyrill., Chickweed.
Synchytrium stellariae Fckl. Oktibbeha.

STIZOLOBIUM

- S. DEERINGIANUM Bort., Deering Velvetbean.
Cercospora stizolobii Syd., Leaf Spot. Lafayette and Harrison.

STROPHOSTYLES

- S. HELVOLA (L.) Britton, Trailing Wildbean.
Uromyces phaseoli (Pers.) Wint., Rust. Jackson.
Uromyces phaseoli typica Arth., Rust. Jackson.
- S. PAUCIFLORA (Benth.) S. Wats., Small Wildbean.
Uromyces phaseoli (Pers.) Wint., Rust. Jackson.

STYLOSANTHES

- S. BIFLORA (L.) B.S.P., Pencilflower.
Phoma gramma (Schw.) Starb. Pearl River.

STYRAX

- S. AMERICANA Lam., American Snowball.
Cercospora styracae Miles, Leaf Spot. Wayne.

SYMPHORICARPOS

- S. RACEMOSUS Michx., Snowberry, Waxberry.
Microsphaera symphoricarpi Howe., Powdery Mildew. Hinds.
- S. SP., Coralberry.
Microsphaera diffusa Cke. & Pk., Powdery Mildew. Pike.

SYMPLOCOS

- S. TINCTORIA (L.) L'Her., Sweetleaf.
Exobasidium symploci Ell. & Martin, Leaf Gall. Jackson and
 Leflore.
Septoria symploci Ell. & Martin, Leaf Spot. Marion.

SYRINGA

- S. PERSICA L., Persian Lilac.
Cercospora lilacis (Desm.) Sacc., Leaf Spot. Clarke, Coahoma,
 and Lafayette.
- S. VULGARIS L., Common lilac.
Microsphaera alni (DC.) Wint., Powdery Mildew. Coahoma,
 Forrest, and Scott.
Sclerotium rolfsii Sacc., Southern Blight. Lowndes.
- S. SP., Lilac.
Heterosporium syringae Oud. Neshoba.

TARAXACUM

- T. OFFICINALE Weber, Common Dandelion.
Physarum cinereum (Batsch) Pers., Slime Mold. Oktibbeha.
Puccinia hieracii (Schum.) Mart., Rust. Lafayette and Webster.

TARAXACUM--cont.

T. OFFICINALE--cont.

- Puccinia taraxaci Plowr., Rust. Jones and Lafayette.
Ramularia taraxaci Karst., Leaf Spot. Holmes and Oktibbeha.

TEPHROSIA

T. VIRGINICA (L.) Pers., Virginia Tephrosia.

- Ravenelia eriphylla (Schw.) Diet., Rust. Tishomingo.

TEUCRIUM

T. CANADENSE L., American Germander.

- Cercospora racemosa Ell. & Martin, Leaf Spot. Hinds.
Cercospora teucrii Ell. & Kell., Leaf Spot. Wilkinson.

THALICTRUM

T. DIOICUM L., Early Meadowrue.

- Polythelis thalictri Arth. Tishomingo.

THUJA

T. ORIENTALIS L., Oriental Arborvitae.

- Cercospora thujina Plakidas, Thuja Blight. Jones, Lowndes, and Newton.

TILIA

T. AMERICANA L., American Linden, Basswood.

- Cercospora microsora Sacc., Leaf Blight. Newton.
Exosporium tiliae Lk., Leaf Spot. Lowndes.
Uncinula clintonii Pk., Powdery Mildew. Bolivar.

TINIARIA

T. CONVULVULUS (L.) Webb & Moq., Corn Bindweed.

- Cercospora polygonacea Ell. & Ev., Leaf Spot. Rankin.

TOVARA

T. VIRGINIANA (L.) Raf., Virginia Knotweed.

- Puccinia polygoni-amphibii Pers., Rust. Forrest.

TRIDENS

T. FLAVA (L.) Hitchc., Tall Red-Top.

- Puccinia windsorise Schw., Rust. Covington and Oktibbeha.

TRIFOLIUM

T. CAROLINIANUM Michx., Carolina Clover.

- Uromyces elegans (Berk.) Lagh., Rust. Harrison.

T. DUBIUM, Hop Clover.

- Erysiphe polygoni DC., Powdery Mildew.

TRIFOLIUM--cont.

- T. INCARNATUM, Crimson Clover.
Cercospora zebrina Pass., Leaf Spot.
Polythrincium trifolii Kze., Sooty Mold.
- T. PRATENSE L., Red Clover.
Erysiphe polygoni DC., Powdery Mildew. Adams and Panola.
Uromyces fallens (Desm.) Kern, Rust. Attala.
Uromyces trifolii (Hedw.) Lév., Rust. Rankin and Stone.
- T. PROCUMBENS L., Low Hop Clover.
Erysiphe polygoni DC., Powdery Mildew. Oktibbeha.
- T. REFLEXUM L., Buffalo Clover.
Polythrincium trifolii Kze. Oktibbeha.
- T. REPENS L., White, Dutch, or Honeysuckle Clover.
Erysiphe polygoni DC., Powdery Mildew. Oktibbeha.
Polythrincium trifolii Kze. Tallahatchie.
Sclerotinia trifoliorum Eriks., Root Rot. Stone.
- T. SP.
Helminthosporium sp., Leaf Spot. Lincoln.
Polythrincium trifolii Kze. Alcorn, George, Oktibbeha, and Stone.
Uromyces trifolii (Hedw.) Lév., Rust. Hinds.

TRILLIUM

- T. RECURVATUM Berk., Prairie Trillium.
Septoria trillii Pk., Leaf Spot. Noxubee, Pontotoc, and Smith.
- T. SP.
Septoria trillii Pk., Leaf Spot. Lee.

TRIPSACUM

- T. DACTYLOIDES L., Eastern Gamagrass.
Puccinia tripsaci Diet. & Holw., Rust. Oktibbeha.

TRITICUM

- T. AESTIVUM L., Wheat.
Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose. DeSoto.
Fusarium culmorum (W. Sm.) Sacc., Seedling Blight. DeSoto.
Gibberella saubinetii (Mont.) Sacc., Fusarium Blight, Scab. Wayne.
Puccinia clematidis Lagh., Rust. Lauderdale and Oktibbeha.
Puccinia graminis Pers., Rust. DeSoto and Oktibbeha.
Puccinia triticea Erikss., Leaf Rust. DeSoto, Issaquena, and Sharkey.
Sclerotium rolfsii Sacc., Southern Blight. Oktibbeha.

TRITICUM--cont.

T. AESTIVUM--cont.

Septoria glumarum Pass., Speckled Leaf Blotch. Oktibbeha.
Septoria nodorum Berk., Speckled Leaf Blotch, Glume Blotch.
 Clay and DeSoto.

Septoria tritici Desm., Speckled Leaf Blotch, Glume Blotch.
 Lauderdale and Washington.

Tilletia levis Kuehn, Smut. Lauderdale.

Tilletia tritici (Bjerk.) Wint., Smut. Alcorn, Issaquena,
 Marshall, Monroe, and Simpson.

Ustilago tritici (Pers.) Rost., Loose Smut. Lauderdale, Mar-
 shall, and Prentiss.

TROPAEOLUM

T. MAJUS L., Common Nasturtium.

Pleospora tropaeoli Halst., Leaf Spot. Attala.

TYPHA

T. LATIFOLIA L., Common Cattail.

Hendersonia typhae Oud. Sunflower.

ULMUS

U. ALATA Michx., Winged Elm.

Cylindrosporium ulmicola Ell. & Ev. Hinds.

Phleospora ulmi (Fr.) Wallr. Oktibbeha.

Uncinula macrospora Pk., Powdery Mildew. Clarke and Oktibbeha.

U. AMERICANA L., American Elm.

Cylindrosporium ulmicola Ell. & Ev., Leaf Spot. Jackson.

Gloeosporium ulmicolum Miles, Leaf Spot. Holmes,

Gnomonia ulmea (Schw. ex Fr.) Thuem., Leaf Spot. Forrest,
 Lauderdale, Oktibbeha, and Tate.

Phleospora ulmi (Fr.) Wallr. Marion.

Schizophyllum commune Fr., Sap Rot. Oktibbeha.

Uncinula macrospora Pk., Powdery Mildew. Lauderdale and Tippah.

U. CRASSIFOLIA Nutt., Cedar Elm.

Gnomonia ulmea (Schw. ex Fr.) Thuem., Leaf Spot. Lauderdale.

U. FULVA Michx., Slippery Elm.

Ceratophorum ulmicolum Ell. & Kell. Coahoma.

Phleospora ulmi (Fr.) Wallr. Alcorn.

Phyllosticta melaleuca Ell. & Ev., Leaf Spot. Oktibbeha.

Phyllosticta ulmicola Sacc., Leaf Spot. Oktibbeha.

U. SP.

Ceratophorum ulmicolum Ell. & Kell. Scott.

Microsphaera alni (DC.) Wint., Powdery Mildew. Clay.

UNICLA

- U. LATIFOLIA Michx., Broadleaf Uniola.
Phoma glumarum Ell. & Tracy. Lowndes.
 U. LAXA (L.) B.S.P., Slender Spikegrass.
Ustilago uniolae Ell. & Ev., Smut. Attala.

UVULARIA

- U. SESSILIFOLIA L., Sessile-leaved Bellwort.
Puccinia majanthae Arth. & Holw., Rust. Oktibbeha.
Puccinia sessilis W. G. Schneid., Rust. Oktibbeha.

VACCINIUM

- V. ARBOREUM Marsh., Farkleberry.
Phyllosticta vaccinii Earle, Leaf Spot. Wayne.
Rhytisma vaccinii (S.) Fr., Tar Spot. Forrest County; Ship Island.
 V. CORYMBOSUM L., Highbush Blueberry.
Synchytrium vaccinii Thomas, Red Gall. Amite.
 V. STAMINEUM L., Common Deerberry.
Pestalozzia gibbosa Hark., Leaf Spot. Jackson.
Phyllactinia suffulta (Reb.) Sacc., Powdery Mildew. Pearl River.
 V. TENELLUM Ait., Small Black Blueberry.
Exobasidium vaccini (Fckl.) Wor., Leaf Gall. George and Wayne.
Rhytisma vaccinii (S.) Fr., Tar Spot. Marion.
 V. VIRGATUM Ait., Southern Black Huckleberry.
Rhytisma vaccinii (S.) Fr., Tar Spot. DeSoto and Oktibbeha.
 V. SP., Blueberry.
Rhytisma vaccinii (S.) Fr., Tar Spot. Pearl River.

VALERIANELLA

- V. RADIATA (L.) DuRoi., Beaked Cornsalad.
Septoria valerianellae Miles, Leaf Spot. Oktibbeha.
Synchytrium aureum Schroet. Oktibbeha.

VERATRUM

- V. VIRIDE Ait., American White Hellebore.
Puccinia veratri (DC.) Duby., Rust. DeSoto.

VERBASCUM

- V. BLATTARIA var. ALBIFLORUM, White Moth Mullein.
Septoria verbascicola Berk. & Curt., Leaf Spot. Oktibbeha.
 V. THAPSUS L., Great Mullein.
Ramularia variabilis Fckl., Leaf Spot. Tunica.

VERBENA

- V. HASTATA L., Blue Vervain.
Septoria verbenae Rob. & Desm., Leaf Spot. Humphreys.
- V. STRICTA Vent., Wooly Verbena.
Erysiphe cichoracearum DC., Powdery Mildew. Calhoun.
Septoria verbenae Rob. & Desm., Leaf Spot. Oktibbeha.
- V. SP.
Erysiphe cichoracearum DC., Powdery mildew. Coahoma, Humphreys,
 Lincoln, Pike, and Warren.

VERBESINA

- V. VIRGINICA L., Small White Crownbeard.
Puccinia cognata Syd., Rust. Franklin.

VERNONIA

- V. ALTISSIMA Nutt., Tall Ironweed.
Coleosporium vernoniae Berk. & Curt., Rust. Oktibbeha.
- V. BALDWINI Torr., Baldwin Ironweed.
Cercospora vernoniae Ell. & Kell., Leaf Spot. Winston.
Coleosporium vernoniae Berk. & Curt., Rust. Lee.
- V. FASCICULATA Michx., Western Ironweed.
Coleosporium vernoniae Berk. & Curt., Rust. Choctaw, Jones,
 and Oktibbeha.
Puccinia vernoniae Schw., Rust. Jones.
- V. SP.
Coleosporium carneum Jacks., Rust. Oktibbeha.
Heterodera marioni (Cornu) Goodey, Root-knot. Stone.

VERONICA

- V. PEREGRINA L., Purslane Speedwell.
Entyloma linariae Schroet. var. veronicae Wint., Leaf Smut.
 Wayne.

VIBURNUM

- V. ACERIFOLIUM L., Mapleleaf Arrowwood.
Microsphaera alni (DC.) Wint., Powdery Mildew. Carroll.
- V. CASSINOIDES L., Withe-rod, Viburnum.
Cercospora varia Pk., Leaf Spot. Coahoma.
- V. OPULUS L., European Cranberrybush: High Bush Cranberry.
Cercospora opuli (Fckl.) v. Hoehn., Leaf Spot. Panola.
Cercospora varia Pk., Leaf Spot. Panola.
- V. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. Stone.

VICIA

- V. AMERICANA Muhl., Purple Vetch.
Ascochyta pisi Lib., Blight. Oktibbeha.
Pucciniola porosa (Pk.) Arth., Rust. Lee.
Uromyces coloradensis Ell. & Ev., Rust. Lee.
- V. ANGUSTIFOLIA L., Smaller Common Vetch.
Ascochyta pisi Lib., Blight. Oktibbeha.
- V. SATIVA L., Common Vetch.
Ascochyta pisi Lib., Blight. Oktibbeha and Pearl River.
Peronospora viciae (Berk.) DBy., Downy Mildew. George and Oktibbeha.
- V. VILLOSA Roth., Hairy Vetch.
Ascochyta pisi Lib., Blight. Madison.
Ascochyta sp., Leaf Spot.
Colletotrichum viciae Dearness & Overholts, Anthracnose.
Erysiphe polygoni DC., Powdery Mildew.
Protocoronospora nigricans Atk. & Edgerton emend. Wolf, False Anthracnose.

VIGNA

- V. SINENSIS (Torner) Savi, Common Cowpea.
Amerosporium oeconomicum Ell. & Tracy, Leaf Spot. Itawamba.
 Jefferson, Lauderdale, and Neshoba.
Cercospora canescens Ell. & Mart., Leaf Spot. Forrest and Hinds.
Cercospora cruenta Sacc., Leaf Spot. Calhoun, Oktibbeha, and Washington.
Cercospora vignae Ell. & Ev., Leaf Spot.
Choaneophora cucurbitarum (Berk. & Rav.) Thax., Pod Rot.
Cladosporium vignae Gardner, Leaf Spot. George and Greene.
Corticium vagum, Berk. & Curt., Stem Rot. Jackson.
Fusarium vasinfectum var. tracheiophilum Erw. Sm., Wilt.
Heterodera marioni (Cornu) Goodey, Root-knot. Lauderdale, Newton, Oktibbeha, Pike, and Prentiss.
Ramularia sp., Frosty Mildew.
Rhizoctonia microsclerotia Matz, Leaf Blight.
Sclerotium bataticola Taub., Southern Blight. Marshall.
Uromyces phaseoli vignae (Barclay) Arth., Rust. George.
Virus, Mosaic.
- V. SP.
Cercospora cruenta Sacc., Leaf Spot. Forrest.

VINCETOXICUM

- V. PALUSTRE Gray, Winding Milkweed.
Puccinia gonolobi Rav., Rust. Harrison.
Puccinia obliqua Berk. & Curt., Rust. Harrison.

VIOLA

- V. BLANDA Willd., Sweet White Violet.
Cercospora violae Sacc., Leaf Spot. Harrison.
Puccinia violae (Schum.) DC., Rust. Jackson.
- V. CUCULLATA Ait., Marsh Blue Violet.
Dicaeoma violae Ktze., Rust. Oktibbeha.
Puccinia violae (Schum.) DC., Rust. Oktibbeha.
- V. ERIOCAPPA Schwein., Smoothish Yellow Violet.
Puccinia violae (Schum.) DC., Rust. Jackson.
- V. ODORATA L., English or Sweet Violet.
Gloeosporium violae Berk. & Br., Leaf Spot. Lauderdale and Webster.
- V. PALMATA L., Early Blue Violet
Cercospora violae Sacc., Leaf Spot. Oktibbeha.
Puccinia violae (Schum.) DC., Rust. Oktibbeha.
- V. SP.
Alternaria violae Gall. & Dorsett, Leaf Spot. Hinds.
Colletotrichum violae-tricoloris R. E. Smith, Leaf Spot. Oktibbeha and Quitman.
Puccinia violae (Schum.) DC., Rust. Jackson.
Ramularia lactea (Desm.) Sacc., Leaf Spot. Harrison.
Septoria violae West., Leaf Spot. Leflore and Simpson.
Sphaceloma violae Jenkins, Scab. Pike.

VITIS

- V. AESTIVALIS Michx., Summer Grape.
Phyllosticta viticola Sacc. & Speg., Leaf Spot. Harrison.
- V. CORDIFOLIA Michx., Frost Grape.
Isariopsis clavispora (Berk. & Curt.) Sacc., Leaf Spot. Attala.
Uncinula necator (Schw.) Burr., Powdery Mildew. Oktibbeha.
- V. LABRUSCA L., Northern Fox Grape.
Isariopsis clavispora (Berk. & Curt.) Sacc., Leaf Spot. Adams, Covington, Harrison, and Lauderdale.
Plasmopara viticola (Berk. & Curt.) B. & DeT., Downy Mildew. George and Rankin.
- V. ROTUNDIFOLIA Michx., Muscadine Grape.
Cercospora brachypus Ell. & Ev., Leaf Spot. Lauderdale.
Cercospora viticola (Ces.) Sacc., Leaf Spot. Lauderdale.
Glonium macrosporium Tracy & Earle. Lincoln.
Guignardia bidwellii (Ell.) Viala and Ravaz, Black Rot. Boliver, Madison, and Webster.
Hysteroglyphium vulvatum (Schw.) Rehm. Choctaw.
Melanconium fuligineum (Scrib. & Viala) Cav., Bitter Rot. George.
Phyllosticta labruscae Thuem., Leaf Spot. Harrison.

VITIS--cont.

V. ROTUNDIFOLIA--cont.

Phyllosticta viticola Sacc. & Speg., Leaf Spot. Franklin and George.

V. SP.

Cercospora viticola (Ces.) Sacc., Leaf Spot. Forrest and Webster.

Gloeosporium ampelophagum (Pass.) Sacc., Anthracnose. Jones and Oktibbeha.

Guignardia bidwellii (Ell.) Viala & Ravaz, Black Rot. Calhoun, Carroll, Clay, Greene, Hancock, Jackson, Neshoba, and Warren.

Isariopsis clavispora (Berk. & Curt.) Sacc., Leaf Spot. Jackson.

Plasmopara viticola (Berk. & Curt.) B. & DeT., Downy Mildew.

Claiborne, Covington, Jones, Pearl River, and Stone.

Sphaceloma ampelinum DBy., Anthracnose. Adams, Amite, Jones, and Warren.

WEIGELA

W. SP.

Cercospora weigeliae Ell. & Ev., Leaf Spot. Coahoma.

Heterodera marioni (Cornu) Goodey, Root-knot. Coahoma, Greene, Lauderdale, Leflore, Stone, and Washington.

WISTARIA

W. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Jackson.

XANTHIUM

X. ORIENTALE L., Oriental Cocklebur.

Puccinia xanthii Schw., Rust. Oktibbeha and Simpson.

X. STRUMARIUM L., Cocklebur.

Erysiphe cichoracearum DC., Powdery Mildew. Covington.

XEROPHYLLUM

X. ASPHODELOIDES (L.) Nutt., Turkey-beard.

Puccinia atropuncta Pk. & Clint., Rust. Stone.

XYRIS

X. ELATA Chapm., Tall Yellow-eyed-grass.

Cercospora xyridis Miles, Leaf Spot. Stone.

YUCCA

Y. ALOIFOLIA L., Aloe Yucca.

Pleospora thuemeniana Sacc. Oktibbeha.

Y. FILAMENTOSA L., Adamsneedle Yucca.

Coniothyrium concentricum (Desm.) Sacc. Leflore.

Kellermannia yuccaegena Ell. & Ev., Leaf Spot. George.

Phoma concentrica Desm., Leaf Spot. Bolivar.

YUCCA--cont.

Y. GLAUCA Nutt., Small Soapweed.

Cylindrosporium angustifolium Ell. & Kell. Oktibbeha.

Y. GLORIOSA L., Moundlily Yucca: Spanish Bayonet.

Leptosphaeria obtusispora Speg., Leaf Spot. Clay, Lamar, and Monroe.

ZANTEDESCHIA

Z. AETHIOPICA, Common Calla.

Cercospora richardiaeicola Atk., Leaf Spot. Forrest and Washington.

ZANTHOXYLUM

Z. AMERICANUM Mill., Prickly Ash.

Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Choctaw.

ZEA

Z. MAYS L., Corn.

Cercospora sp. Oktibbeha.Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose.Diplodia macrospora Earle. Oktibbeha.Diplodia zeae (S.) Lév., Dry Rot. Choctaw and Stone.Fusarium moniliforme Sheldon, Stalk Rot.Gibberella saubinetii (Mont.) Sacc., Fusarium Blight, Scab. Alcorn.Gloeocercospora sorghi Bain & Edgerton, Zonate Leaf Spot.

Adams, Lauderdale, Neshoba, Oktibbeha, Pearl River, and Washington.

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CIADOSPORIUM FASCICULARE

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Alnus rugosa

DIATRYPELLA HYSTERIOIDES

Carya sp.

DIATRYPELLA PROMINENS

Platanus occidentalis

DIATRYPELLA PULCHERRIMA

Salix sp.

DIBOTRYON MORBOSUM

Prunus americanaPrunus angustifoliaPrunus domesticaPrunus serotinaPrunus sp. (Japanese Plum)Prunus sp. (Plum)

DICAEOA CEPHALANTHI

Spartina cynosuroides

DICAEOA EATONIAE

Ranunculus abortivus

DICAEOA HELIANTHI-MOLLIS

Helianthus divaricatus

DICAEOA HIERACIATUM

Lactuca canadensis

DICAEOA RHIZOMI

Avena sativa

DICAEOA SMILACIS

Smilax sp.

DICAEOA VIOLAE

Viola cucullata

DIDYMARIA UNGERI

Ranunculus septentrionalis

DIDYMELLA ANDROPOGONIS

Andropogon muricatus

DIDYMELLINA IRIDIS

Iris sp.

DIDYMELLINA MACROSPORA

Iris sp.

DIMEROSPORIUM PULCHRUM

Fraxinus sp.

DINEMASPORIUM GRAMINEUM

Eragrostis sp.

DIPLOCARPON EARLIANA

Fragaria virginianaFragaria sp.

DIPLOCARPON ROSAE

Rosa sp. (Rose)

DIPLDIA AMORPHAE

Amorpha fruticosa

DIPLDIA CAMPHORAE

Cinnamomum camphora

DIPLDIA GOSSYPINA

Gossypium hirsutum

DIPLDIA MACROSPORA

Zea mays

DIPLDIA SASSAFRAS

Sassafras albidum

DIPLDIA ZEA

Zea mays

DIPLDINA PRUNI

Prunus demissa

DISCELLA CARBONACEA

Salix sp.

DISCOSIA ARTOCREAS

Crataegus mollisCydonia oblongaRhus toxicodendron

DISCOSIA SMILACINA

Smilax hispida

DISCULA BRECKLEANA

Salix sp.

DOTHICLOE ATRAMENTOSA

Panicum sp.

DOTHIDEA SOLIDAGINIS

Solidago sp.

DOTHIDELLA CONCAVIUSCULA

Magnolia virginiana

DOTHIDELLA RIBESIA

Ribes sp.

ENDOTHIA PARASITICA

Castanea dentataCastanea sp.

ENTOMOSPORIUM MACULATUM

Cydonia oblongaPyrus communis

ENTOMOSPORIUM THUEMENTII

Crataegus sp.

ENTYLOMA COMPOSITARUM

Eupatorium urticaefolium

ENTYLOMA LINARIAE

Veronica peregrina

ENTYLOMA PHYSALIDIS

Physalis virginiana

EPICLOE TYPHINA

Panicularia nervataSphenopholis sp.

EPICOCCUM SIMPLEX

Arundinaria sp. (Cane)

ERYSIPHE CICHORACEARUM

Ambrosia artemisiifolia
Ambrosia trifida
Cucumis sativus
Helianthus hirsutus
Helianthus tuberosus
Helianthus sp.
Mesadenia atriplicifolia
Phlox paniculata
Plantago major
Polygonum erectum
Solidago sp.
Verbena stricta
Verbena sp.
Xanthium strumarium
Zinnia elegans

ERYSIPHE COMMUNIS

Ranunculus abortivus

ERYSIPHE GALEOPSISIDIS

Chelone glabra

ERYSIPHE GRAMINIS

Hordeum pusillum

Poa pratensis

ERYSIPHE LAGERSTROEMIAE

Lagerstroemia indica

ERYSIPHE POLYGONI

Phaseolus vulgaris

Pisum sativum

Trifolium dubium

Trifolium pratense

Trifolium procumbens

Trifolium repens

Vicia villosa

EUTYPELLA CERVICULATA

Alnus sp.

EUTYPELLA PLATANI

Platanus occidentalis

EUTYPELLA STELLULATA

Celtis sp.

EXOBASIDIUM AZALEAE

Rhododendron indicum

Rhododendron sp.

EXOBASIDIUM LEUCOTHOES

Leucothoe axillaris

EXOBASIDIUM SYMPLOCI

Symplocos tinctoria

EXOBASIDIUM VACCINII

Rhododendron viscosum

Rhododendron sp.

Vaccinium tenellum

EXOSPORIUM CONCENTRICUM

Euonymus japonicus

EXOSPORIUM PALMIVORUM

Phoenix canariensis

Phoenix dactylifera

Phoenix sp.

EXOSPORIUM PLATANI

Platanus occidentalis

EXOSPORIUM TILIAE

Tilia americana

FAERAEA MACULATA

Cydonia oblonga

Pyrus communis

Pyrus sinensis

Pyrus sp.

FROMMEA DUCHESNEAE

Duchesnea indica

FROMMEA OBTUSA

Potentilla canadensis

FUSARIUM ANNUM

Capsicum annuum

FUSARIUM BATATATIS

Ipomoea batatas

FUSARIUM BULBIGENUM var. NIVEUM

Citrullus vulgaris

FUSARIUM BULBIGENUM var. TRACHEI-

PHILUM

Crotalaria intermedia

FUSARIUM CULMORUM

Triticum aestivum

FUSARIUM HYPEROXYSPORUM

Ipomoea batatas

FUSARIUM LYCOPERSICI

Lycopersicon esculentum

FUSARIUM MONILIFORME

Zea mays

FUSARIUM OXYSPORUM f. CONGLUTINANS

Callistephus chinensis

FUSARIUM OXYSPORUM f. LYCOPERSICI

Lycopersicon esculentum

FUSARIUM OXYSPORUM f. NIVEUM

Citrullus vulgaris

FUSARIUM OXYSPORUM f. VASINFECTUM

Gossypium hirsutum

FUSARIUM RUBI

Rubus sp. (Youngberry)

FUSARIUM VASINFECTUM

Gossypium hirsutum

FUSARIUM VASINFECTUM var.

TRACHEIPHILUM

Vigna sinensis

FUSARIUM SPP.

Gossypium hirsutum

FUSARIUM SP.

Gladiolus sp.

FUSARIUM SPP.

Ipomoea batatas

FUSICLADIUM ALOPECURI

Alopecurus aequalis

FUSICLADIUM EFFUSUM

Carya illinoensis

GIBBERELLA SAUBINETTI

Triticum aestivum

Zea mays

GLENOSPORA CURTISII

Nyssa sp.

GLOEOCERCOSPORA SORCHI

Saccharum officinarum

Sorghum vulgare

Zea mays

GLOEODES POMIGENA

Malus sylvestris

GLOEOSPORIUM AMPELOPHAGUM

Vitis sp.

GLOEOSPORIUM CACTORUM

Cactus sp.

Opuntia sp.

GLOEOSPORIUM CAMPHORAE

Cinnamomum camphora

GLOEOSPORIUM CANADENSE

Quercus alba

GLOEOSPORIUM DIOSPYRI

Diospyros kaki

Diospyros virginiana

GLOEOSPORIUM NERVESEQUUM

Platanus occidentalis

Quercus rubra

GLOEOSPORIUM OLEANDRI

Nerium oleander

GLOEOSPORIUM OPUNTIAE

Opuntia sp.

GLOEOSPORIUM PERENNANS

Pyrus communis

GLOEOSPORIUM PIPERATUM

Capsicum sp.

GLOEOSPORIUM ROSAE

Rosa sp.

GLOEOSPORIUM RUBI

Rubus procumbens

GLOEOSPORIUM TINEUM

Sambucus canadensis

GLOEOSPORIUM ULMICOLUM

Ulmus americana

GLOEOSPORIUM VIOLAE

Viola odorata

GLOEOSPORIUM SP.

Camellia sp.

Ficus carica

Hydrangea sp.

GLOMERELLA CINCTA

Ficus elastica

GLOMERELLA CINGULATA

Camellia japonica

Euonymus japonicus

Ligustrum indicum

Ligustrum ovalifolium

Malus sylvestris

GLOMERELLA FRUCTIGENA

Ficus carica

GLOMERELLA GOSSYPII

Gossypium herbaceum

Gossypium hirsutum

GLOMERELLA PIPERATA

Capsicum sp.

GLOMERELLA RUFOMACULANS

Lathyrus odoratus

GLOMERULARIA CORNI

Cornus sp.

GLONIUM MACROSPORIUM

Vitis rotundifolia

GNOMONIA ILIAU
Saccharum officinarum
 GNOMONIA LEPTOSTYLA
Juglens sp.
 GNOMONIA NERVISEDA
Carya illinoensis
 GNOMONIA SETACEA
Carya illinoensis
 GNOMONIA ULMEA
Ulmus americana
Ulmus crassifolia
 GNOMONIA VENETA
Platanus occidentalis
 GNOMONIELLA AMOENA
Liquidambar styraciflua
 GONOBOTRYUM MACULICOLA
Hamamelis virginiana
 GRAPHIOLA PHOENICIS
Phoenix dactylifera
 GUIGNARDIA BIDWELLII
Vitis rotundifolia
Vitis sp.
 GYMNOCONIA INTERSTITIALIS
Rubus occidentalis
Rubus procumbens
Rubus sp. (Blackberry)
 GYMNOCONIA PECKIANA
Rubus procumbens
Rubus sp. (Blackberry)
 GYMNOSPORANGIUM BERMUDIANUM
Juniperus bermudiana
Juniperus virginiana
 GYMNOSPORANGIUM CLAVIPES
Crataegus crus-galli
Crataegus sp. (Hawthorn)
Crataegus sp.
Cydonia oblonga
Juniperus virginiana
 GYMNOSPORANGIUM FLORIFORME
Crataegus spathulata
Juniperus virginiana
 GYMNOSPORANGIUM GLOBOSUM
Crataegus coccinea

(Gymnosporangium globosum)
Crataegus submollis
Crataegus sp. (Hawthorn)
Crataegus sp. (Crabapple)
Crataegus sp. (Mayhaw)
Juniperus virginiana
 GYMNOSPORANGIUM JUNIPERI
Malus sylvestris
 GYMNOSPORANGIUM JUNIPERI-
 VIRGINIANA
Malus ioensis
Malus sylvestris
Malus sp. (Flowering Crab-apple)
 GYMNOSPORANGIUM NIDUS-AVIS
Amelanchier canadensis
Juniperus virginiana
 GYMNOSPORANGIUM TRACHYSORUM
Crataegus crus-galli
Crataegus marshallii
 HAPLOSPORELLA CLINTONII
Acer negundo
 HAPLOSPORELLA SERIATA
Sambucus canadensis
 HELMINTHOSPORIUM GEMICULATUM
Eragrostis sp.
 HELMINTHOSPORIUM MAYDIS
Zea mays
 HELMINTHOSPORIUM RAVENELLI
Sporobolus indicus
 HELMINTHOSPORIUM SATIVUM
Hordeum vulgare
 HELMINTHOSPORIUM TURCICUM
Zea mays
 HELMINTHOSPORIUM SP.
Avena sativa
Hordeum vulgare
Kyllinga pumila
Trifolium sp.
 HENDERSONIA TYPHAE
Typha latifolia
 HENDERSONULA ARISTIDAE
Aristida purpurascens

HETERODERA MARIONI

Abelia sp.
Aleurites fordii
Althaea sp.
Antirrhinum sp.
Beta vulgaris
Brassica oleracea var. capi-
tata
Brassica rapa
Buxus sp.
Cactus sp.
Caledium sp.
Capsicum sp.
Celosia sp.
Chrysanthemum sp.
Citrullus vulgaris
Cucumis melo var. cantalupen-
sis
Cucumis sativus
Cucurbita pepo
Cyclamen sp.
Dahlia sp.
Deutzia sp.
Dianthus sp.
Euonymus sp.
Ficus carica
Forsythia sp.
Fragaria sp.
Gardenia sp.
Ginkgo biloba
Cladiolus sp.
Gossypium sp.
Hibiscus esculentus
Hydrangea sp.
Ipomoea batatas
Ligustrum sp.
Lycopersicon esculentum
Malus sp. (Apple)
Narcissus sp.
Paeonia sp.
Phaseolus lunatus
Phaseolus vulgaris
Pisum sp.
Prunus persica
Pueraria thunbergiana
Punica sp.
Pyrus communis
Raphanus sp.
Rosa sp. (Rose)

(Heterodera marioni)

Salix sp. (Willow)
Sida sp.
Solanum melongena
Solanum tuberosum
Spiraea sp.
Vernonia sp.
Viburnum sp.
Vigna sinensis
Weigela sp.
Wisteria sp.
Zea mays

HETEROSPORIUM ALLII

Allium canadense

HETEROSPORIUM SYRINGAE

Syringa sp. (Lilac)

HYALOPSORA POLYPODII

Cystopteris fragilis

HYPOCHNUS OCHROLEUCUS

Malus sylvestris

HYPOCRELLA HYPOXYLON

Panicum anceps

HYPODERMA HEDGCOCKII

Pinus echinataPinus virginiana

HYPODERMA ILICINUM

Quercus sp.

HYPODERMA LETHALE

Pinus caribaeaPinus echinata

HYPODERMA SCIRPINUM

Scirpus sp.

HYPOXYLON ANNULATUM

Acer rubrumQuercus sp.

HYPOXYLON ATROPUNCTATUM

Quercus sp.

HYPOXYLON FUSCUM

Alnus sp.

HYPOXYLON INSIDENS

Liriodendron tulipifera

HYPOXYLON MALLEOLUS

Quercus sp.

HYPOXYLON PERFORATUM

Arundinaria sp.Liquidambar styraciflua

HYPOXYLON PUNCTULATUM

Quercus sp.

HYPOXYLON SUBCHLORINUM

Carpinus sp.

HYSTEROGRAPHIUM VULVATUM

Vitis rotundifolia

ISARIOPSIS ALBOROSELLA

Cerastium vulgatum

ISARIOPSIS CLAVISPORA

Vitis cordifoliaVitis labruscaVitis sp.

ISARIOPSIS CRISEOLA

Phaseolus vulgaris

KELLERMANNIA YUCCAEGENA

Yucca filamentosa

KUEHNEOLA DUCHESNEAE

Duchesnea indica

KUEHNEOLA MALVICOLA

Hibiscus syriacus

KUEHNEOLA UREDINIS

Rubus procumbensRubus trivialisRubus sp.

KUNKELIA NITENS

Rubus procumbensRubus sp.

LAESTADIA BUXI

Buxus sempervirens

LAESTADIA ILLICIICOLA

Illicium floridanum

LEMBOSIA ANGUSTIFORMIS

Ilex coriacea

LEMBOSIA ILLICIICOLA

Illicium floridanum

LEPTOSPHERIA CONIOTHYRIUM

Rubus sp. (Raspberry)Rubus sp. (Youngberry)

LEPTOSPHERIA OBTUSISPORA

Yucca gloriosa

LEPTOSTROMELLA FILICINA

Osunda cinnamomea

LEPTOTHYRIUM CASTANICOLUM

Castanea dentata

LEPTOTHYRIUM CINCTUM

Prunus serotina

LEPTOTHYRIUM DRYINUM

Quercus falcataQuercus stellata

LEPTOTHYRIUM PERONAE

Paeonia sp.

LEPTOTHYRIUM POMI

Malus sylvestris

LOPHODERMIIUM AUSTRALE

Pinus palustrisPinus taeda

LOPHODERMIIUM CYRILLICOLA

Cyrilla racemiflora

MACROPHOMA CANDOLLEI

Buxus sempervirensBuxus sp.

MACROPHOMA FICI

Ficus carica

MACROPHOMA SP.

Mahonia sp.

MACROPHOMINA PHASEOLI

Phaseolus vulgaris

MACROSPORIUM CAROTAE

Daucus carota

MACROSPORIUM CATALPAE

Catalpa bignonioides

MACROSPORIUM COMMUNE

Allium sp.

MACROSPORIUM CUCUMERINUM

Cucumis melo

MACROSPORIUM FASCICULATUM

Ilex opaca

MACROSPORIUM HERCULEUM

Brassica nigra

MACROSPORIUM NERII

Nerium oleander

MACROSPORIUM NIGRICANTIUM

Gossypium hirsutum

MACROSPORIUM PARASITICUM var.

PORRI

Allium cepa

MACROSPORIUM PODOPHYLLI

Podophyllum peltatum

MACROSPORIUM SARCINULA

Allium cepa

MACROSPORIUM SOLANI

Datura stramonium

MARSSONIA DELASTREI

Agrostemma githago

MARSSONIA JUCLANDIS

Juglans cinereaJuglans nigraJuglans sp.

MARSSONIA MARTINI

Quercus albaQuercus macrocarpaQuercus marilandicaQuercus prinoidesQuercus prinusQuercus sp.

MARSSONIA POPULI

Populus tremuloides

MARSSONIA QUERCUS

Quercus muhlenbergii

MARSSONIA RHABDOSPORA

Populus nigra

MASSARIA INQUINANS

Acer sp.

MELAMPSORA ABIETI-CAPREARUM

Salix interior

MELAMPSORA AMERICANA

Salix interior

MELAMPSORA BIGELOWII

Salix nigra

MELAMPSORA MEDUSAE

Populus deltoides

MELAMPSORA SP.

Populus sp.

MELANCONIS MARGINALIS

Alnus rugosa

MELANCONIS STILBOSTOMA

Betula lenta

MELANCONIUM BICOLOR

Betula sp.

MELANCONIUM FULIGINEUM

Vitis rotundifolia

MELANCONIUM SACCHARI

Saccharum officinarum

MELANCONIUM VISCOSUM

Robinia pseudacacia

MELASMA GLEDITSCHIAE

Gleditsia triacanthos

MELIOLA AMPHITRICA

Magnolia grandifloraMagnolia virginianaOsmanthus americanaPersea pubescensSabal minorSabal palmetto

MELIOLA BIDENTATA

Bignonia capreolata

MELIOLA MANCA

Quercus cinereaQuercus virginiana

MELIOLA MARTINIANA

Persea borboniaPersea pubescens

MELIOLA NIDULANS

Cornus sp.

MELIOLA PALMICOLA

Sabal palmetto

MELIOLA TENUIS

Arundinaria tecta

METASPHAERIA INTUSCANS

Andropogon virginicus

MICROPERA CAESPITOSA

Ilex verticillata

MICROSPHAERA ALNI

Euonymus atropurpureusEuonymus sp.Ligustrum sp.Quercus coccineaSyringa vulgarisUlmus sp.Viburnum acerifolium

MICROSPHAERA DENSISSIMA

Quercus velutina

MICROSPHAERA DIFFUSA

Lespedeza striataSymphoricarpos sp.

MICROSPHAERA ELEVATA

Catalpa speciosa

MICROSPHAERA EUPHORBIAE

Euphorbia corollata

MICROSPHAERA QUERCINA

Quercus albaQuercus prinoides

MICROSPHAERA RAVENELII

Gleditsia triacanthos

MICROSPHAERA SYMPHORICARPI

Symphoricarpos racemosus

MICROSTOMA JUGLANDIS

Carya albaJuglans nigra

MOLLISIA DEHNII

Potentilla monspeliensis

MOLLISIA IRIDIS

Iris versicolor

MONILOCHAETES INFUSCANS

Ipomoea batatas

MONOCHAETIA CAMELLIAE

Camellia japonica

MONOCHAETIA DESMAZIERII

Quercus sp.

MONTAGNELLA HELIOPSISIDIS

Helianthus divaricatus

MYCOSPHAERELLA FRAGARIAE

Fragaria virginianaFragaria sp.

MYCOSPHAERELLA LEUCOTHYES

Leucothoe axillaris

MYCOSPHAERELLA MYRICAE

Myrica cerifera

MYCOSPHAERELLA RUBI

Rubus sp. (Boysenberry)Rubus sp. (Raspberry)

MYCOSPHAERELLA SENTINAE

Pyrus sinensis

MYRIANGIUM CURTISII

Liquidambar styraciflua

MYRIANGIUM DURIAEI

Citrus sp.Gleditsia triacanthos

MYRIANGIUM TUBERCULANS

Carya illinoensisCrataegus mollis

MYROTHECIUM RORIDUM

Gossypium hirsutum

NECTRIA ROUSSELLIANA

Buxus sp.

NEMATOSPERMA PHASEOLI

Phaseolus lunatus

NIGREDO HYPERICI-FRONDOSI

Hypericum mutilum

NIGREDO LESPEDEZAE-PROCUMBENTIS

Lespedeza repensLespedeza violacea

NIGREDO PROTRINENS

Euphorbia maculata

NUMMULARIA DISCRETA

Gleditsia triacanthosMalus sylvestris

NUMMULARIA PUNCTULATA

Quercus sp.

OIDIUM ERYSIPOIDES var. CROTALARIAE

Crotalaria spectabilis

OIDIUM EUONYMI-JAPONICI

Euonymus japonicus

OIDIUM SP.

Euonymus japonicus

OOSPORA TULIPIFERA

Liriodendron tulipifera

OPHIODOTHIS ATRAMENTOSA

Panicum sp.Sporobolus indicus

OVULARIA MACLURAE

Maclura pomifera

OVULARIA OBLIQUA

Rumex crispus

PARODIELLA PERISPORIOIDES

Desmodium paniculatumDesmodium rigidumDesmodium sp.Rhynchosia erecta

PENICILLIUM GLADIOLI

Gladiolus sp.

PENIOPHORA AURANTIACA

Alnus rugosa

PENIOPHORA CINEREA

Carpinus caroliniana

PERIDERMIIUM CEREBRUM

Pinus taeda

PERONOSPORA ALSINEARUM

Cerastium viscosum

PERONOSPORA ALTA

Plantago major

PERONOSPORA AUSTRALIS

Sicyos angulatus

PERONOSPORA EFFUSA

Chenopodium album

PERONOSPORA EUPHORBIAE

Euphorbia serpyllifolia

PERONOSPORA LAMII

Lamium amplexicaule

PERONOSPORA MANSHURICA

Soja max

PERONOSPORA MYOSOTIDIS

Myosotis macrosperma

PERONOSPORA PARASITICA

Brassica oleracea var. capitataBrassica rapaLepidium virginicumRaphanus sativus

PERONOSPORA POTENTILLAE

Geum canadense

PERONOSPORA SCHLEIDENI

Allium cepa

PERONOSPORA SEYMOURII

Houstonia coerulesa

PERONOSPORA VICIAE

Pisum sativumVicia sativa

PESTALLOZZIA FUNEREA

Smilax laurifolia

PESTALLOZZIA GIBBOSA

Vaccinium stamineum

PESTALLOZZIA GUEPINI

Camellia japonicaCitrus nobilis

PESTALLOZZIA PALMICOLA

Phoenix canariensis

PESTALLOZZIA SUFFOCATA

Rosa sp.

PESTALLOZZIELLA SUBSESSILIS

Geranium carolinianum

PEZIZELLA LYTHRI

Fragaria sp.

PHAKOPSORA CROTONIS

Croton capitatusCroton monanthogynus

PHLEOSPORA ANEMONES

Anemone virginiana

PHLEOSPORA ULMI

Ulmus alataUlmus americanaUlmus fulva

PHOMA BRESADOLAE

Cycas revoluta

PHOMA CONCENTRICA

Yucca filamentosa

PHOMA GLUMARUM

Uniola latifolia

PHOMA GRAMINELLA

Bromus secalinus

PHOMA GRAMMA

Stylosanthes biflora

PHOMA INSIDIOSA

Sorghum vulgare

PHOMA LINGAM

Brassica oleracea var. capitata

PHOMA OBSCURANS

Fragaria virginiana

PHOMA SP.

Gossypium hirsutum

PHOMOPSIS CITRI

Citrus sp. (Grapefruit)

PHOMOPSIS VEXANS

Solanum melongena

PHRAGMIDIUM IMITANS

Rubus sp. (Raspberry)

PHRAGMIDIUM RUBI-IDAEI

Rubus sp. (Raspberry)

PHRAGMIDIUM SPECIOSUM

Rosa carolinaRosa virginiana

PHYLLACHORA AMBROSIAE

Ambrosia artemisiifolia

PHYLLACHORA GRAMINIS

Elymus canadensisMuhlenbergia schreberiMuhlenbergia sp.Panicum amarumPanicum dichotomumPanicum sp. (Grass)Paspalum dilatatumPoa sp.

PHYLLACHORA SCLERIICOLA

Scleria triglomerata

PHYLLACTINIA CORYLEA

Fagus grandifoliaFagus sylvaticaOstrya virginianaQuercus stellataZanthoxylum americanum

PHYLLACTINIA SUFFULTA

Ostrya virginianaVaccinium stamineum

PHYLLOSTICTA ACERICOLA

Acer rubrumAcer saccharum

PHYLLOSTICTA AESCULI

Aesculus pavia

PHYLLOSTICTA AMBROSIOPSIS

Chenopodium ambrosioides

PHYLLOSTICTA AMPELOPSIDIS

Parthenocissus quinquefoliaParthenocissus tricuspidata

PHYLLOSTICTA APOCYN

Apocynum cannabinum

PHYLLOSTICTA ARGYREA

Elaeagnus sp.

PHYLLOSTICTA ASIMINAE

Asimina triloba

PHYLLOSTICTA AUCUBAE

Aucuba japonica

PHYLLOSTICTA BATATAS

Ipomoea batatas

PHYLLOSTICTA BUMELIAE

Bumelia lycioides

PHYLLOSTICTA CARYAE

Carya illinoensis

PHYLLOSTICTA CATALPAE

Catalpa speciosa

PHYLLOSTICTA CEANOETHI

Ceanothus americanus

PHYLLOSTICTA CONCENTRICA

Hedera helix

PHYLLOSTICTA CONVALLARIAE

Smilacina stellata

PHYLLOSTICTA COCKEI

Magnolia grandiflora

PHYLLOSTICTA CYDONIAE

Cotoneaster sp.

PHYLLOSTICTA EUONYMI

Euonymus sp.

PHYLLOSTICTA GOSSYPINA

Gossypium herbaceum

PHYLLOSTICTA HAMAMELIDIS

Hamamelis virginiana

PHYLLOSTICTA HEDERICOLA

Hedera helix

PHYLLOSTICTA IPOMOEAE

Ipomoea pandurata

PHYLLOSTICTA KALMICOLA

Kalmia latifolia

PHYLLOSTICTA LABRUSCAE

Parthenocissus quinquefoliaVitis rotundifolia

PHYLLOSTICTA LATIFOLIAE

Kalmia latifolia

PHYLLOSTICTA LIRIODENDRICA

Liriodendron tulipifera

PHYLLOSTICTA MELALEUCA
Ulmus fulva
 PHYLLOSTICTA MICROPUNCTA
Persea borbonia
 PHYLLOSTICTA MINIMA
Acer rubrum
Acer saccharinum
Acer saccharum
 PHYLLOSTICTA NERII
Nerium oleander
 PHYLLOSTICTA OPACA
Ilex opaca
 PHYLLOSTICTA OVALIFOLII
Ligustrum sp.
 PHYLLOSTICTA PAVIAE
Aesculus glabra
 PHYLLOSTICTA PHASEOLINA
Phaseolus vulgaris
 PHYLLOSTICTA PODOPHYLLI
Podophyllum peltatum
 PHYLLOSTICTA PRUNICOLA
Prunus cerasus
 PHYLLOSTICTA PTERIDIS
Pteris cretica
 PHYLLOSTICTA PYRORUM
Pyrus communis
 PHYLLOSTICTA RHEI
Rheum rhaponticum
 PHYLLOSTICTA RHOICOLA
Rhus toxicodendron
 PHYLLOSTICTA RHYNCHOSIAE
Rhynchosia erecta
 PHYLLOSTICTA SEROTINA
Prunus serotina
 PHYLLOSTICTA SINUOSA
Osmanthus americana
 PHYLLOSTICTA SOLITARIA
Malus sylvestris
 PHYLLOSTICTA SPHAEROPSOIDEA
Aesculus glabra
 PHYLLOSTICTA TOXICA
Rhus toxicodendron
 PHYLLOSTICTA ULMICOLA
Ulmus fulva
 PHYLLOSTICTA VACCINII
Vaccinium arboreum
 PHYLLOSTICTA VITICOLA
Parthenocissus quinquefolia
Vitis aestivalis

(Phyllosticta viticola)
Vitis rotundifolia
 PHYLLOSTICTA SP.
Camellia japonica
Fortunella hindsii
Pittosporum sp.

PHYSALOSPORA CYDONIAE
Malus sylvestris
Pyrus sinensis
 PHYSALOSPORA CYNODONTIS
Distichlis spicata
 PHYSALOSPORA MALORUM
Malus sylvestris
 PHYSALOSPORA OXYSTOMA
Penicum hemitomum

PHYSARUM CINEREUM
Axonopus compressus
Cynodon dactylon
Taraxacum officinale
 PHYSARUM PLUMBEUM
Ipomoea batatas

PHYSODERMA ZEAE-MAYDIS
Zea mays

PHYSOPELLA FICI
Ficus carica

PHYSORELLA OBLONGA
Ipomoea batatas

PHYTOMONAS PRUNI
Prunus persica
 PHYTOMONAS TABACI
Soja max
 PHYTOMONAS VESICATORIA
Lycopersicon esculentum

PHYTOPHTHORA INFESTANS
Lycopersicon esculentum
Solanum tuberosum

PIGGOTIA FRAXINI
Fraxinus americana
Fraxinus pennsylvanica

PILEOLARIA TOXICODENDRI

Rhus toxicodendron

PIRICULARIA CRISEA

Setaria italica

PIETIA CUPRESSI

Juniperus chinensis

PLACOSPHERIA ILICIS

Ilex opaca

PLASMOPARA HALSTEDII

Gnaphalium purpureum

PLASMOPARA VITICOLA

Vitis labruscaVitis sp.

PLECTODISCELLA VENETA

Rubus allegheniensisRubus idaeusRubus trivialisRubus sp.

PLENODOMUS DESTRUENS

Ipomoea batatas

PLEOSPORA HERBARUM

Medicago arabica

PLEOSPORA THUNBERGIANA

Yucca aloifolia

PLEOSPORA TROPAEOLI

Tropaeolum majus

PODOSPHAERA BINUNCINATA

Hamamelis virginiana

PODOSPHAERA OXYACANTHAE

Crataegus coccineaCrataegus crus-galliMelus sylvestrisPrunus cerasusPrunus sp. (Cherry)

PODOSPORIUM RICIDUM

Rhus toxicodendron

POLYPORUS BARBATULUS

Juniperus virginiana

POLYPORUS CINNABARINUS

Quercus sp.

POLYPORUS FUMOSUS

Quercus sp.

POLYPORUS GILVUS

Quercus virginiana

POLYPORUS HEMILEUCUS

Carya illinoensis

POLYPORUS HIRSUTUS

Quercus sp.

POLYPORUS SCHWEINITZII

Pinus sp.

POLYPORUS VERSICOLOR

Fagus grandifoliaLiquidambar styraciflua

POLYTHELIS THALICTRI

Thalictrum dioicum

POLYTHRINCIIUM TRIFOLII

Trifolium incarnatumTrifolium reflexumTrifolium repensTrifolium sp.

PORIA PUNCTATA

Fraxinus sp.

PORIA RUFA var. LILACINA

Quercus sp.

PORIA VAPORARIA

Alnus rugosa

PROTOCOLONOSPORA NIGRICANS

Vicia villosa

PSEUDOMONAS ANDROPOGONI

Sorghum vulgare

PSEUDOMONAS AVENAE

Avena sativa

PSEUDOMONAS CITRI

Citrus sp. (Grapefruit)

PSEUDOMONAS GLYCINEA

Soja max

PSEUDOMONAS MEDICAGINIS var.

PHASEOLICOLAPhaseolus vulgarisPueraria thunbergiana

PSEUDOMONAS MORI

Morus sp.

PSEUDOMONAS PISI

Pisum sativum var. arvense

PSEUDOMONAS PRUNI

Prunus persica

PSEUDOPERONOSPORA CUBENSIS

Cucumis melo var. cantalupensisCucumis sativus

PSEUDOPEZIZA MEDICAGINIS

Medicago sativa

PUCCINIA ALETRIDIS

Aletris aurea

PUCCINIA AMPHIGENA

Calamovilfa longifolia

PUCCINIA ANDROPOGONIS

Andropogon furcatusAndropogon scopariusPenstemon australisPenstemon tubiflorus

PUCCINIA ANEMONES-VIRGINIANAE

Anemone virginiana

PUCCINIA ANGUSTATA

Scirpus cyperinus

PUCCINIA ANOMALA

Hordeum vulgare

PUCCINIA ANTIRRHINI

Antirrhinum majusAntirrhinum sp.

PUCCINIA ARENARIAE

Dianthus barbatus

PUCCINIA ARGENTATA

Impatiens pallida

PUCCINIA ARUNDINARIAE

Arundinaria tecta

PUCCINIA ASPARAGI

Asparagus officinalisAsparagus verticillatus

PUCCINIA ASTERIS

Aster cordifoliusSolidago canadensis

PUCCINIA ASTERUM

Aster cordifoliusCarex muhlenbergiiCarex sp.Erigeron philadelphicusSolidago canadensis

PUCCINIA ATROPUNCTA

Xerophyllum asphodeloides

PUCCINIA BARDANAE

Arctium minus

PUCCINIA BOLLEYANA

Carex frankiiSambucus canadensis

PUCCINIA CANALICULATA

Cyperus rotundusCyperus strigosus

PUCCINIA CARICIS

Ribes odoratum

PUCCINIA CHRYSANTHEMI

Chrysanthemum sp.

PUCCINIA CICUTAE

Cicuta maculata

PUCCINIA CIRCAEAE

Circaea lutetiana

PUCCINIA CLEMATIDIS

Triticum aestivum

PUCCINIA CNICI

Cirsium lanceolatum

PUCCINIA COGNATA

Verbesina virginica

PUCCINIA CONOCLINI

Eupatorium coelestinum

PUCCINIA CONVULVULI

Convolvulus sepium

PUCCINIA CORONATA

Avena sativaBerchemia scandensMelica mutica

PUCCINIA CYNODONTIS

Cynodon dactylon

PUCCINIA CYPERI

Cyperus sp.

PUCCINIA DICHONDRAE

Dichondra carolinensis

PUCCINIA EATONIAE

Renunculus abortivusSphenopholis nitidaSphenopholis obtusata

PUCCINIA EATONIAE var.

MYOSOTIDIS

Myosotis macrosperma

PUCCINIA ELEOCHARIDIS

Eleocharis obtusaEupatorium rotundifoliumEupatorium sp.

PUCCINIA ELLISIANA

Andropogon furcatusAndropogon scoparius

PUCCINIA EMACULATA

Panicum capillare

PUCCINIA EXTENSICOLA

Aster cordifoliusCarex muhlenbergiiCarex sp.Oenothera biennisSolidago canadensis

PUCCINIA EXTENSICOLA var.

ASTERIS

Carex sp.Erigeron philadelphicus

PUCCINIA EXTENSICOLA var. ERI-

GERONTIS

Erigeron philadelphicus

PUCCINIA EXTENSICOLA var.

HIERACIATA

Lactuca canadensis

PUCCINIA FRAXINATA

Fraxinus pennsylvanica

PUCCINIA GOMOLOBI

Vincetoxicum palustre

PUCCINIA GRAMINIS

Agrostis albaAnthoxanthum aristatumElymus canadensisHordeum jubatumTriticum aestivum

PUCCINIA GRAMINIS var. AVENAE

Avena sativa

PUCCINIA HELIANTHI

Helianthus angustifoliusHelianthus annuusHelianthus atrorubensHelianthus divaricatusHelianthus hirsutusHelianthus mollis

PUCCINIA HETEROSPORA

Althaea roseaSida spinosa

PUCCINIA HIERACII

Pyrrhopappus carolinianusTaraxacum officinale

PUCCINIA HYDROCOTYLES

Hydrocotyle umbellata

PUCCINIA IRIDIS

Iris sp.

PUCCINIA JUSSIAEAE

Jussiaea decurrensLudwigia hirtella

PUCCINIA KUHNIAE

Kuhnia eupatorioides

PUCCINIA LATERIPES

Ruellia strepens

PUCCINIA LEVIS

Paspalum urvilleiPaspalum sp.

PUCCINIA LUDIBUNDA

Carex sp. (Sedge)

PUCCINIA MACULOSA

Krigia virginica

PUCCINIA MALVACEARUM

Althaea rosea

PUCCINIA MAJANTHAE

Uvularia sessilifolia

PUCCINIA MARIAE-WILSONI

Claytonia virginica

PUCCINIA MELICAE

Melica mutica

PUCCINIA MENTHAE

Koellia muticaKoellia virginianaMonarda fistulosa

PUCCINIA MINUTA

Carex sp.

PUCCINIA MUHLENBERGIAE

Muhlenbergia mexicana

PUCCINIA OBLIQUA

Vincetoxicum palustre

PUCCINIA OXALIDIS

Oxalis violacea

PUCCINIA PANICI

Euphorbia marginata

PUCCINIA PECKII

Oenothera biennis

PUCCINIA PERIDERMISPORA

Fraxinus pennsylvanicaSpartina cynosuroidesSpartina michauxiana

PUCCINIA PIMPINELLAE

Chaerophyllum procumbens

PUCCINIA PODOPHYLLI

Podophyllum peltatum

PUCCINIA POLYGONI-AMPHIBII

Polygonum acrePolygonum cristatumPolygonum pensylvanicum

(Puccinia polygoni-amphibii)

Polygonum persicariaPolygonum scandensTovara virginiana

PUCCINIA PRUNI-SPINOSAE

Prunus angustifoliaPrunus cerasusPrunus persicaPrunus simoniiPrunus spinosaPrunus sp. (Cherry)Prunus sp. (Plum)

PUCCINIA PUNCTATA

Galium aparineGalium concinnum

PUCCINIA PURPUREA

Sorghum halepenseSorghum vulgare

PUCCINIA PYRRHOPAPPI

Pyrrhopappus carolinianus

PUCCINIA RUBIGO-VERA

Impatiens bifloraImpatiens pallidaSecale cerealePUCCINIA RUBIGO-VERA var. APO-
CRYPTAMyosotis macrocarpaPUCCINIA RUBIGO-VERA var. IM-
PATIENTISImpatiens bifloraPUCCINIA RUBIGO-VERA var.
SECALISLolium multiflorum

PUCCINIA RUELLIAE

Ruellia strepens

PUCCINIA SCHEDONARDI

Muhlenbergia mexicana

PUCCINIA SESSILIS

Uvularia sessilifolia

PUCCINIA SEYMOURIANA

Spartina cynosuroidesSpartina michauxiana

PUCCINIA SILPHII

Silphium integrifoliumSilphium perfoliatum

PUCCINIA SMILACIS

Smilax glaucaSmilax sp.

PUCCINIA SORCHI

Oxalis violaceaZea mays

PUCCINIA SPECIAZZINII

Mikania scandens

PUCCINIA TARAXACI

Taraxacum officinale

PUCCINIA TENUIS

Eupatorium urticaefolium

PUCCINIA TRIPSACI

Tripsacum dactyloides

PUCCINIA TRITICINA

Triticum aestivum

PUCCINIA TUMIDIPES

Lycium halimifolium

PUCCINIA VERATRI

Veratrum viride

PUCCINIA VERBENICOLA

Sporobolus asper

PUCCINIA VERNONIAE

Vernonia fasciculata

PUCCINIA VEXANS

Bouteloua curtipendula

PUCCINIA VILFAE

Sporobolus asper

PUCCINIA VIOLAE

Viola blandaViola cucullataViola eriocarpaViola palmataViola sp.

PUCCINIA VIRGATA

Sorghastrum nutans

PUCCINIA WINDSORIAE

Tridens flava

PUCCINIA XANTHII

Xanthium orientale

PUCCINIASTRUM AGRIMONIAE

Agrimonia eupatoriaAgrimonia parviflora

PUCCINIASTRUM HYDRANGEAE

Hydrangea arborescens

PUCCINIOLA POROSA

Vicia americana

PYRENOPEZIZA MEDICAGINIS

Medicago sativa

PYTHIUM SP.

Phaseolus vulgaris

RAMULARIA AREOLA

Gossypium herbaceumGossypium hirsutum

RAMULARIA ARMORACIAE

Roripa armoracia

RAMULARIA ANGUSTATA

Rhododendron viscosum

RAMULARIA CELASTRI

Celastrus scandens

RAMULARIA CIRCUMFUSA

Rumex obtusifolius

RAMULARIA DESMODII

Desmodium canadense

RAMULARIA LACTEA

Viola sp.

RAMULARIA OCCIDENTALIS

Rumex crispus

RAMULARIA PLANTAGINIS

Plantago major

RAMULARIA RANUNCULI

Ranunculus septentrionalis

RAMULARIA SAMBUCINA

Sambucus canadensis

RAMULARIA SUBRUA

Smilax sp.

RAMULARIA TARAXACI

Taraxacum officinale

RAMULARIA VARIABILIS

Verbascum thapsus

RAMULARIA SP.

Vigna sinensis

RAVENELIA CASSIAECOLA

Chamaecrista multipinnata

RAVENELIA EPIPHYLLA

Tephrosia virginiana

RHIZOCTONIA MICROSCLEROTIA

Aleurites fordiiFicus caricaPhaseolus vulgarisPueraria thunbergianaVigna sinensis

RHIZOCTONIA SOLANI

Gossypium hirsutumPhaseolus vulgarisZea mays

RHIZOCTONIA SP.

Pisum sativum

RHIZOPUS NIGRICANS

Ipomoea batatas

RHYSOTHECA GERANII

Geranium carolinianum

RHYSOTHECA OBDUCENS

Impatiens biflora

RHYTISMA ACERINUM

Acer rubrumAcer saccharinum

RHYTISMA CURTISII

Ilex opaca

RHYTISMA DISCOLORANS

Lyonia ligustrina

RHYTISMA ILICIS-CANADENSIS

Ilex verticillata

RHYTISMA SALICINUM

Salix cordataSalix nigra

RHYTISMA VACCINII

Vaccinium arboreumVaccinium tenellumVaccinium virgatumVaccinium sp.

RHYTISMA VELATUM

Ilex decidua

ROSENSCHELDIA HELIOPSISIDIS

Aster sp.

SACCHAROMYCES SP.

Gladiolus sp.

SCHIZOPHYLLUM COMMUNE

Ulmus americana

SCLEROSPORA GRAMINICOLA

Setaria sp.

SCLEROSPORA MACROSPORA

Avena sativa

SCLEROTINIA CARUNCULOIDES

Morus rubra

SCLEROTINIA FRUCTICOLA

Prunus persicaPrunus serotina

(*Sclerotinia fructicola*)

Prunus sp. (Plum)

SCLEROTINIA SCLEROTIORUM

Lactuca sativa

SCLEROTINIA TRIFOLIORUM

Trifolium repens

SCLEROTINIA SP.

Rosa sp.

SCLEROTIUM BATATICOLA

Soja max

Vigna sinensis

SCLEROTIUM ROLFII

Ambrosia trifida

Arachis hypogaea

Capsicum annuum

Capsicum sp.

Cucumis melo

Cucumis sativus

Delphinium sp.

Ipomoea batatas

Iris sp.

Lycopersicon esculentum

Phaseolus lunatus

Phaseolus vulgaris

Saccharum officinarum

Soja max

Solanum melongena

Solanum tuberosum

Syringa vulgaris

Triticum aestivum

SCOLECOTHIS PINICOLA

Pinus taeda

SCOLECOTRICHUM EUPHORBIAE

Euphorbia maculata

SCOLECOTRICHUM GRAMINIS

Alopecurus geniculatus

Dactylis glomerata

SCOLECOTRICHUM IRIDIS

Iris sp.

SEPTOBASIDIUM PATOUILLARDI

Nyssa sylvatica

SEPTOBASIDIUM PEDICELLATUM

Crataegus mollis

Malus sylvestris

Quercus sp.

SEPTOBASIDIUM PSEUDOPEDICELLATUM

Citrus sp.

Malus sylvestris

Prunus persica

SEPTOBASIDIUM RETIFORME

Carya illinoensis

Chaenomeles lagenaria

Malus sylvestris

Prunus americana

Prunus sp. (Plum)

Pyrus communis

Pyrus sinensis

Quercus sp.

SEPTOCYLINDRIUM AREOLA

Gossypium hirsutum

SEPTORIA ANEMONES

Anemone caroliniana

Anemone virginiana

SEPTORIA BACILLIGERA

Ambrosia trifida

SEPTORIA BROMI

Elymus virginicus

Hystrix patula

SEPTORIA BRUNELLAE

Prunella vulgaris

SEPTORIA BUNELIAE

Bumelia lycioides

SEPTORIA CACALIAE

Cacalia atriplicifolia

Cacalia tuberosa

SEPTORIA CAMPANULAE

Campanula americana

SEPTORIA CERASTII

Cerastium viscosum

Cerastium vulgatum

SEPTORIA CHRYSANTHEMELLA

Chrysanthemum sp.

SEPTORIA CIRSII

Cirsium arvense

SEPTORIA CONSPICUA

Steironema ciliatum

SEPTORIA CORNICOLA

Cornus amomum

Cornus sp.

SEPTORIA DIANTHI

Dianthus sp.

- SEPTORIA DIERVILLAE
Diervilla sp.
 SEPTORIA DIVARICATAE
Phlox sp.
 SEPTORIA ERIGERONTIS
Erigeron annuus
 SEPTORIA EUPATORII
Eupatorium perfoliatum
 SEPTORIA FLAGELLARIS
Convolvulus sepium
 SEPTORIA GLADIOLI
Gladiolus sp.
 SEPTORIA GLUMARUM
Triticum aestivum
 SEPTORIA GLYCINES
Soja max
 SEPTORIA HELIANTHI
Helianthus annuus
 SEPTORIA HYDRANGEAE
Hydrangea arborescens
Hydrangea sp.
 SEPTORIA HYDROCOTYLES
Hydrocotyle sp.
 SEPTORIA KALMIAECOLA
Kalmia latifolia
 SEPTORIA LACTUCICOLA
Lactuca canadensis
 SEPTORIA LEPIDICOLA
Lepidium virginicum
 SEPTORIA LEPTOSTACHYAE
Phryma leptostachya
 SEPTORIA LITTORAE
Apocynum cannabinum
 SEPTORIA LUDWIGIAE
Ludwigia alternifolia
 SEPTORIA LYCOPERSICI
Lycopersicon esculentum
 SEPTORIA MIMULI
Mimulus alatus
 SEPTORIA NABALI
Prenanthes alba
 SEPTORIA NARCISSI
Narcissus sp.
 SEPTORIA NEGLECTA
Quercus sp.
 SEPTORIA NODORUM
Triticum aestivum
 SEPTORIA OENOTHERAE
Oenothera biennis
Oenothera laciniata
 SEPTORIA PENTASTEMONIS
Penstemon australis
Penstemon digitalis
 SEPTORIA PIRICOLA
Pyrus communis
Pyrus sinensis
 SEPTORIA PISI
Pisum sativum
 SEPTORIA PODOPHYLLINA
Podophyllum peltatum
 SEPTORIA POLYGONORUM
Polygonum hydropiper
Polygonum pennsylvanicum
Polygonum persicaria
Polygonum sp.
 SEPTORIA RHODIA
Rhus typhina
 SEPTORIA RIRIS
Ribes vulgare
 SEPTORIA RIPARIA
Carex sp.
 SEPTORIA RUBI
Rubus procerus
Rubus trivialis
 SEPTORIA RUDBECKIAE
Rudbeckia triloba
 SEPTORIA SACCHARINA
Acer saccharum
 SEPTORIA SCROPHULARIAE
Scrophularia marilandica
 SEPTORIA SCUTELLARIAE
Scutellaria versicolor
 SEPTORIA SMILACINAE
Smilacina racemosa
 SEPTORIA SPECULARIAE
Specularia perfoliata
 SEPTORIA STACHYDIS
Stachys palustris
 SEPTORIA SYMPOCI
Symplocos tinctoria
 SEPTORIA TRILLII
Trillium recurvatum
Trillium sp.
 SEPTORIA TRITICI
Triticum aestivum
 SEPTORIA VALERIANELLAE
Valerianella radiata
 SEPTORIA VERBASCICOLA
Verbascum blattaria var. albi-
florum

SEPTORIA VERBENAE

Verbena hastataVerbena stricta

SEPTORIA VIOLAE

Viola sp.

SEPTORIA SP.

Ipomoea batatas

SOROSPORIUM CONSANGUINEUM

Andropogon glomeratus

SOROSPORIUM ELLISII

Andropogon scoparius

SOROSPORIUM EVERMANNII

Andropogon scoparius

SOROSPORIUM SYNTHESISMAE

Panicum proliferumPanicum sp.

SPHACELOMA AMPELINUM

Vitis sp.

SPHACELOMA FAWCETTII

Citrus nobilis var. unshiu

SPHACELOMA VIOLAE

Viola sp.

SPHACELOMA SP.

Magnolia grandiflora

SPHACELOTHECA HYDROPIPERIS

Polygonum hydropiper

SPHACELOTHECA ISCHAEMI

Andropogon scoparius

SPHACELOTHECA SORCHI

Sorghum saccharatumSorghum vulgare

SPHAERELLA ANNULATA

Magnolia virginiana

SPHAERELLA EARLIANA

Fragaria sp.

SPHAERELLA GLAUCA

Magnolia virginiana

SPHAERONEMA FIMBRIATUM

Ipomoea batatas

SPHAEROPSIS MALORUM

Malus sylvestris

SPHAEROTHECA CASTAGNEI

Prunella vulgaris

SPHAEROTHECA HUMULI

Bidens frondosaRosa sp.

SPHAEROTHECA PANNOSA

Rosa sp.

SPOROTRICHUM CITRI

Citrus aurantiumCitrus grandis

STEMONITIS FUSCA

Ipomoea batatas

STEREUM ALBOBADIUM

Fortunella sp.

STEREUM FUSCUM

Liquidambar styraciflua

STEREUM LOBATUM

Nyssa sylvatica

STEREUM OCHRACOFILAVUM

Alnus sp.

STEREUM RAMEALE

Liquidambar styraciflua

STICTIS ARUNDINACEAE

Andropogon sp.

STICTIS HELICOTRICHA

Arundinaria tecta

STILBOSPORA PINICOLA

Pinus palustris

SYNCHYTRIUM AUREUM

Valerianella radiata

SYNCHYTRIUM DECIPIENS

Amphicarpa bracteataAmphicarpa pitcheriDesmodium canescens

SYNCHYTRIUM FULGENS

Oenothera laciniata

SYNCHYTRIUM PLURIANNULATUM

Sanicula canadensisSanicula marilandica

SYNCHYTRIUM STELLARIAE

Stellaria media

SYNCHYTRIUM VACCINII

Vaccinium corymbosum

SYSTEMMA ACICOLA

Pinus taeda

TAPHRINA ALNI-INCANAE

Alnus incana

TAPHRINA CERASI

Acer platanoides

TAPHRINA COERULESCENS

Quercus marilandicaQuercus nigraQuercus sp.

TAPHRINA DEFORMANS

Prunus persicaPrunus serotina

TAPHRINA MIRABILIS

Prunus americanaPrunus angustifolia

TAPHRINA POTENTILLAE

Potentilla canadensis

TAPHRINA PRUNI

Prunus americanaPrunus sp.

TAPHRINA PURPURASCENS

Rhus copallina

TAPHRINA SP.

Prunus sp.Quercus sp. (Turkey Oak)

THELEPHORA RETIFORMIS

Carya sp.

THIELAVIOPSIS BASICOLA

Gossypium hirsutum

TILLETIA CORONA

Digitaria sanguinalisLeersia lenticularisLeersia oryzoides

TILLETIA LEVIS

Triticum aestivum

TILLETIA PULCHERRIMA

Digitaria sanguinalis

TILLETIA TRITICI

Triticum aestivum

TITAEOSPORA ANDROPOGONIS

Sorghum vulgare

TRABUTIA QUERCINA

Quercus laurifoliaQuercus myrtifoliaQuercus nigraQuercus virginiana

TRANZSCHELIA PRUNI-SPINOSAE

Prunus americanaPrunus cerasusPrunus persicaPrunus sp. (Apricot)Prunus sp. (Plum)

TRANZSCHELIA PUNCTATA

Prunus persica

TRICHODOTHIS COMATA

Magnolia grandifloraMagnolia virginiana

TRIMATOSTOMA AMERICANUM

Salix sp.

TRYBLIDIUM INSCULPTUM

Carya sp.

TUBERCULARIA FICI

Ficus carica

UNCINULA AUSTRALIANA

Lagerstroemia indica

UNCINULA CIRCINATA

Acer rubrum

UNCINULA CLINTONII

Tilia americana

UNCINULA FLEXUOSA

Aesculus glabra

UNCINULA MACROSPORA

Ulmus alataUlmus americana

UNCINULA NECATOR

Parthenocissus quinquefoliaVitis cordifolia

UNCINULA PARVULA

Celtis occidentalis

UNCINULA POLYCHAETE

Celtis mississippiensis

UNCINULA SALICIS

Populus tremuloidesSalix sp. (Willow)

UREDINOPSIS MACROSPERMA

Pteridium aquilinum

UREDIO BIGELOWII

Salix nigra

UREDIO MEDUSAE

Populus deltoides

UREDIO PTERIDIS

Pteris sp.

UROCYSTIS AGROPYRI

Elymus canadensis

UROMYCES AFFINIS

Hypoxis hirsuta

UROMYCES ANDROPOGONIS

Andropogon virginicus

UROMYCES APPENDICULATUS

Phaseolus vulgaris

UROMYCES ASCLEPIADIS

Asclepias syriaca

UROMYCES CALADII

Arisaema dracontium.

UROMYCES CARYOPHYLLINUS

Dianthus sp.

UROMYCES COLORADENSIS

Vicia americana

UROMYCES ELEGANS

Trifolium carolinianum

UROMYCES ERAGROSTIDIS

Agrostis sp.

UROMYCES FALLENS

Trifolium pratense

UROMYCES GRAMINICOLA

Croton monanthogynusPanicum virgatumSebastiania ligustrina

UROMYCES HALSTEDII

Leersia virginica

UROMYCES HEDYSARI-PANICULATI

Desmodium canadenseDesmodium longifoliumDesmodium marilandicumDesmodium paniculatumDesmodium rigidumDesmodium sp.

UROMYCES HORDEI

Hordeum pusillum

UROMYCES HORDEINUS

Hordeum nodosum

UROMYCES HOWEI

Asclepias syriaca

UROMYCES HYPERICI

Ascyrum hypericoidesHypericum prolificum

UROMYCES LESPEDEZAE-PROCUMBENTIS

Lespedeza capitataLespedeza hirtaLespedeza intermediaLespedeza violacea

UROMYCES MINUTUS

Carex complanata

UROMYCES PECKIANUS

Houstonia coerulesHoustonia purpurea

UROMYCES PERIGYNIUS

Rudbeckia laciniata

UROMYCES PHASEOLI

Strophostyles helvolaStrophostyles pauciflora

UROMYCES PHASEOLI var. TYPICA

Phaseolus lunatusPhaseolus vulgarisPhaseolus sp. (Snap Bean)Strophostyles helvola

UROMYCES PHASEOLI var. VIGNAE

Vigna sinensis

UROMYCES PLUMBARIUS

Gaura angustifoliaGaura coccineaOenothera laciniata

UROMYCES POLYGONI

Polygonum erectumPolygonum sp. (Knotweed)

UROMYCES PROEMINENS

Euphorbia heterophyllaEuphorbia humistrataEuphorbia serpyllifoliaEuphorbia sp.

UROMYCES PYRIFORMIS

Acorus calamus

UROMYCES RHYNCHOSPORAE

Rhynchospora fascicularisRhynchospora glomerata

UROMYCES RUDBECKIAE

Rudbeckia laciniata

UROMYCES SOLIDAGINIS

Solidago sp.

UROMYCES SPERMATOCOCES

Diodia teres

UROMYCES STRIATUS

Medicago sativa

UROMYCES TRIFOLII

Trifolium pratense

Trifolium sp.

UROPHYLYCTIS ALFALFAE

Medicago sativa

UROPHYXIS AMORPHAE

Amorpha fruticosa

USTILAGO ANOMALA

Polygonum cilinode

USTILAGO AVENAE

Avena sativa

USTILAGO CYNODONTIS

Cynodon dactylon

USTILAGO FIMBRISTYLIS

Fimbristylis autumnalis

USTILAGO HORDEI

Hordeum vulgare

USTILAGO LEVIS

Avena sativa

USTILAGO LONGISSIMA var.

MACROSPORA

Glyceria fluitans

USTILAGO NEGLECTA

Setaria glauca

USTILAGO NUDA

Hordeum vulgare

USTILAGO ORNATA

Leptochloa filiformis

USTILAGO OXALIDIS

Oxalis stricta

USTILAGO PERENNANS

Arrhenatherum elatius

USTILAGO RABENHORSTIANA

Digitaria sanguinalis

USTILAGO SEGETUM

Arrhenatherum elatius

Avena sativa

USTILAGO SHIRAIANA

Phyllostachys sp.

USTILAGO SPARSA

Dactyloctenium aegyptium

USTILAGO STRIAEFORMIS

Phleum pratense

USTILAGO TRITICI

Triticum aestivum

USTILAGO UNIOLOAE

Uniola laxa

USTILAGO UTRICULOSA

Polygonum acre

Polygonum hydropiperoides

Polygonum lapathifolium

Polygonum pensylvanicum

USTILAGO ZEAE

Zea mays

VALSA AMBIENS

Ostrya virginiana

VALSA DEUSTA

Carya sp.

VALSA LEUCOSTOMA

Prunus persica

VALSA LUTESCENS

Quercus velutina

VENTURIA INAEQUALIS

Malus sylvestris

VERMICULARIA AFFINIS

Echinochloa crus-galli

VERMICULARIA PHLOGINA

Phlox sp.

VERMICULARIA TRICHELLA

Hedera helix

VERTICILLIUM ALBO-ATRUM

Gossypium hirsutum

VERTICILLIUM BUXI

Buxus sempervirens

VOIUTELLA CARICICOLA

Carex cherokeensis

XANTHOMONAS MALVACEARUM

Gossypium hirsutum

XANTHOMONAS PHASEOLI

Phaseolus vulgaris

XANTHOMONAS PHASEOLI var. SOJENSE

Soja max

XANTHOMONAS PRUNI

Prunus laurocerasus

Prunus persica

Prunus sp. (Plum)

XYLARIA HYPOXYLON

Quercus sp.

ZYTHIA AURANTIACA

Cornus alternifoliaVIRUS DISEASES

ASTER YELLOWS

Erigeron philadelphicus

MOSAIC

Ipomoea batatasIris sp.Phaseolus vulgarisSaccharum officinarumSoja maxVigna sinensis

RUGOSE MOSAIC

Solanum tuberosum

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